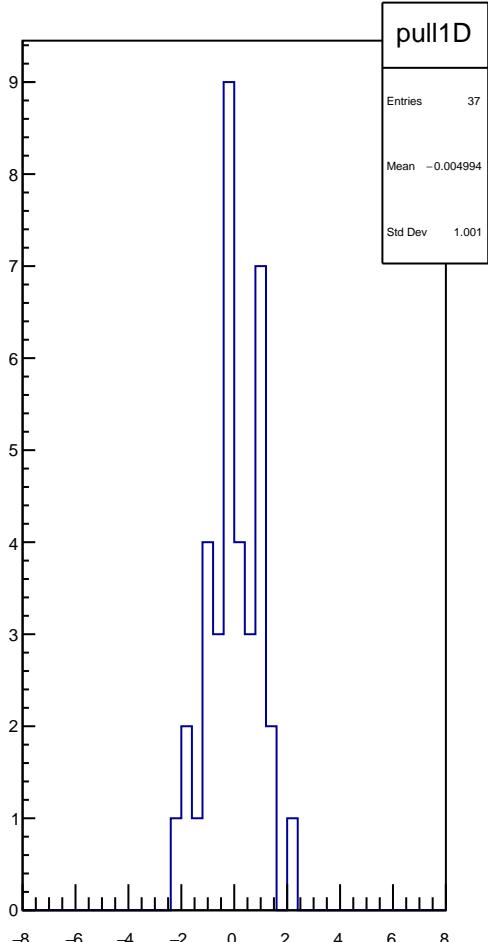
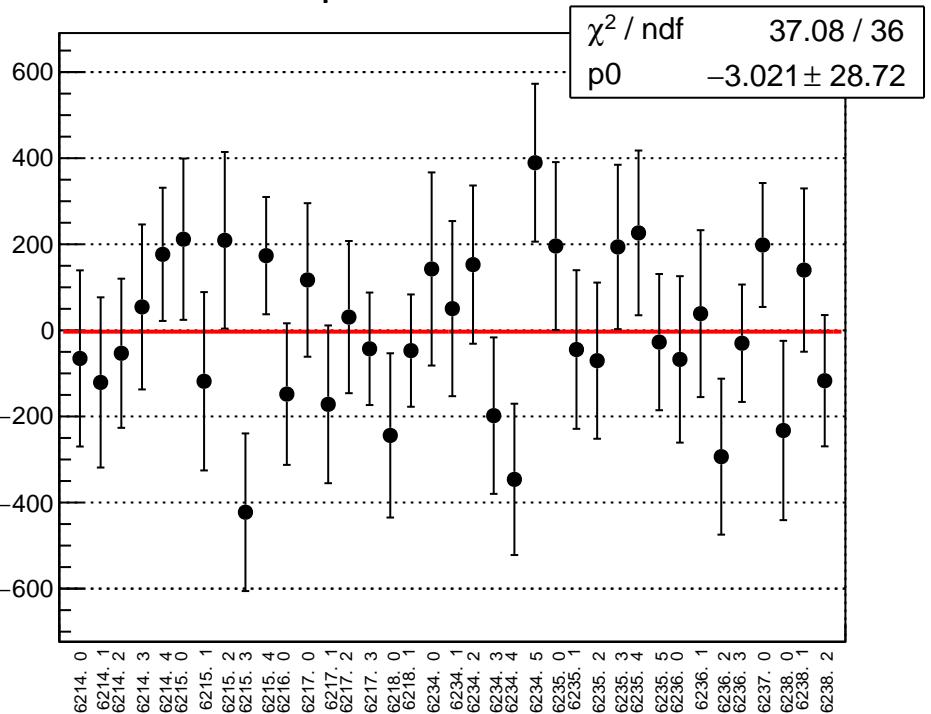
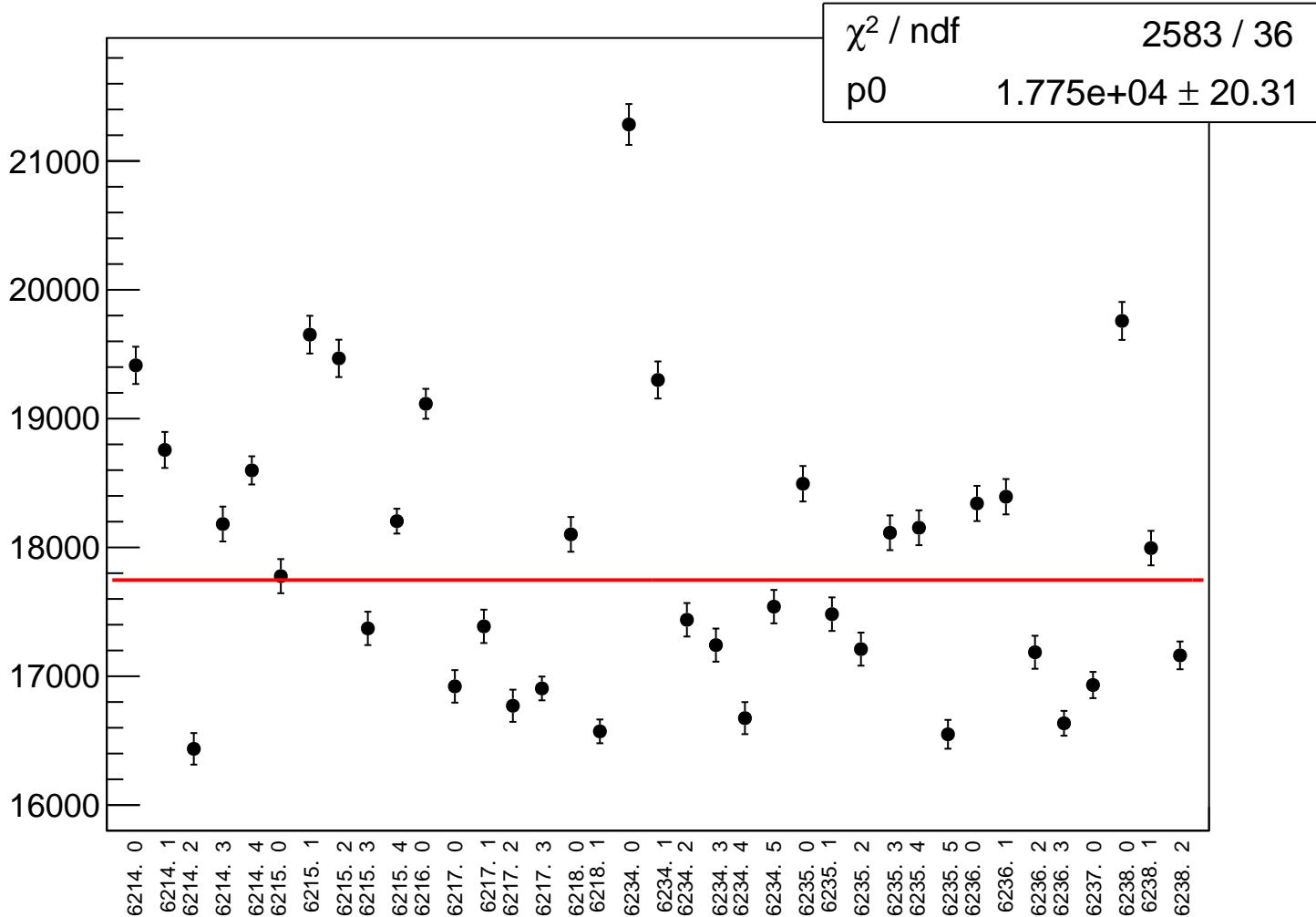


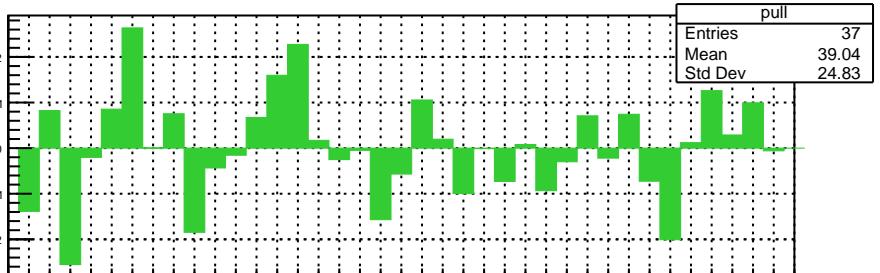
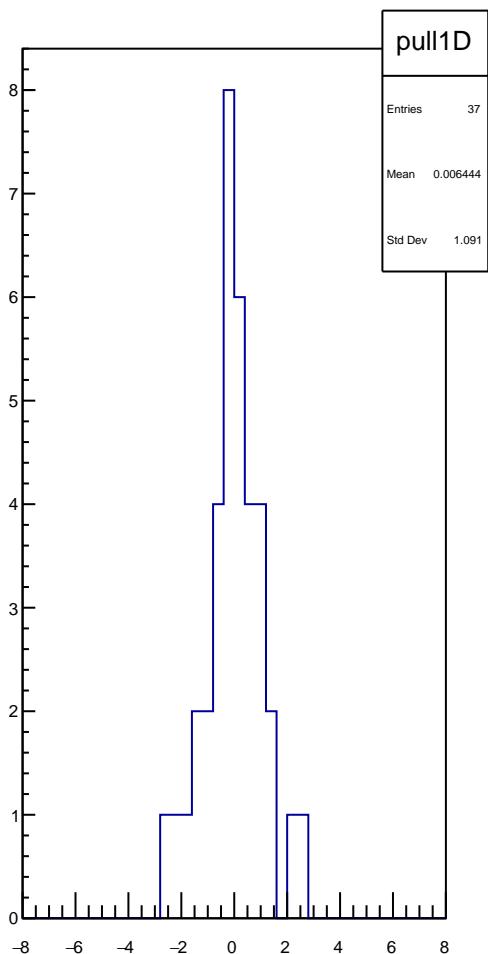
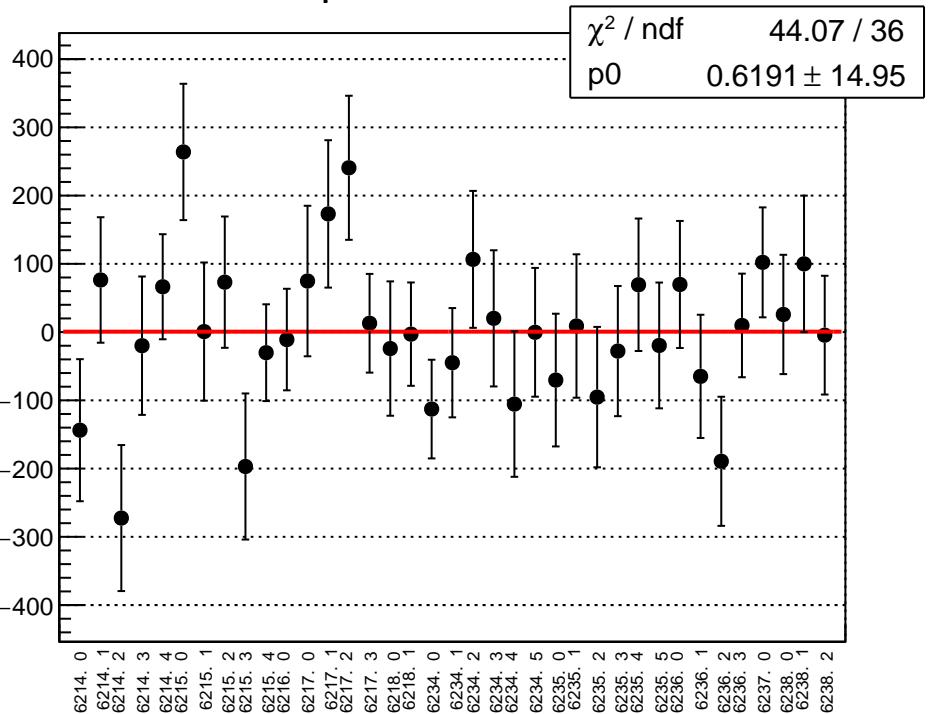
diff_bpm4aX_mean vs run



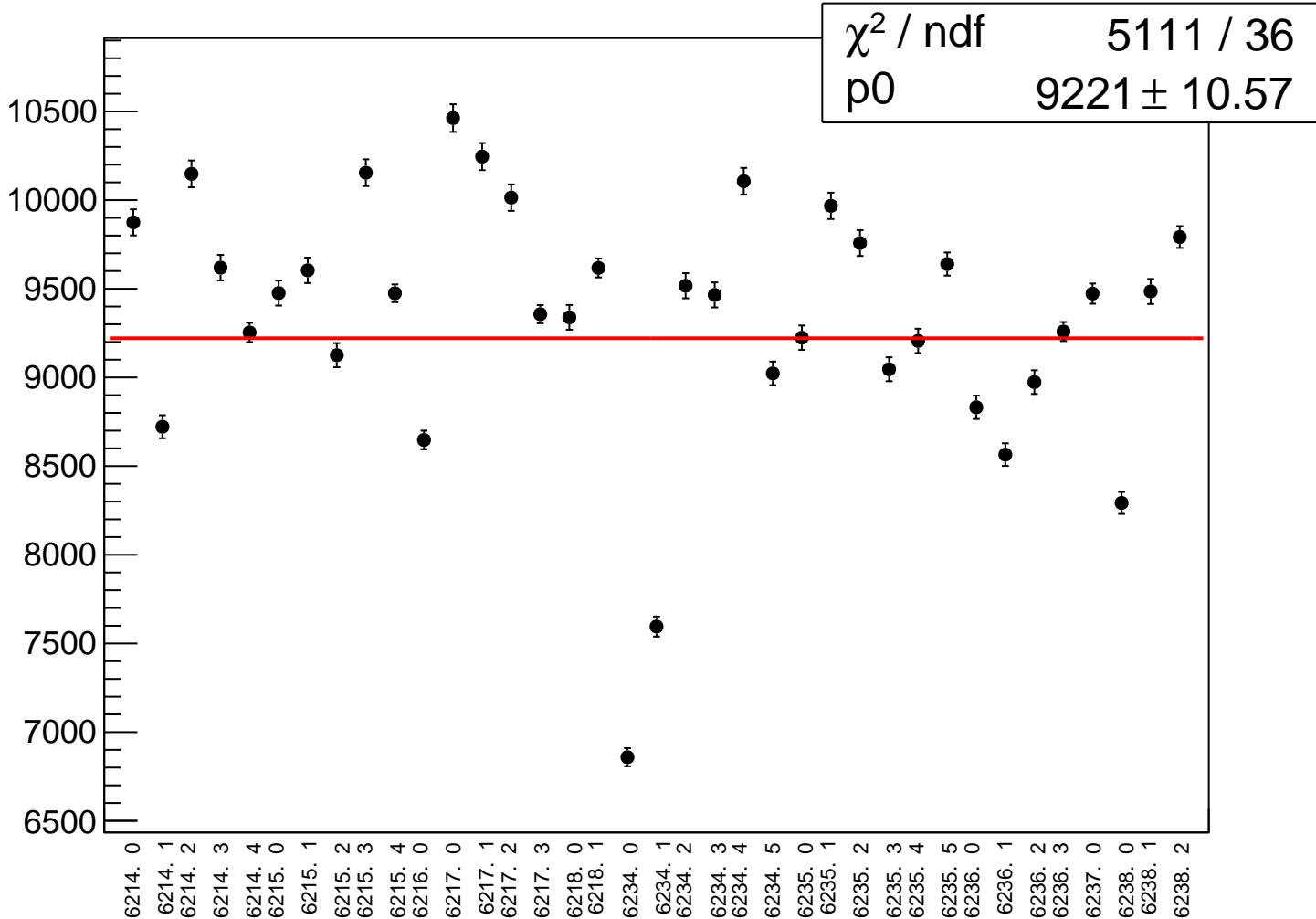
diff_bpm4aX_rms vs run



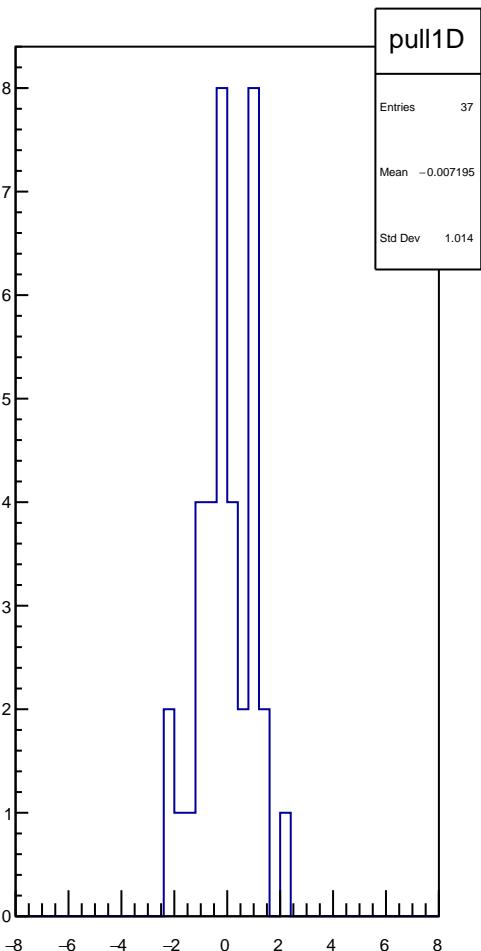
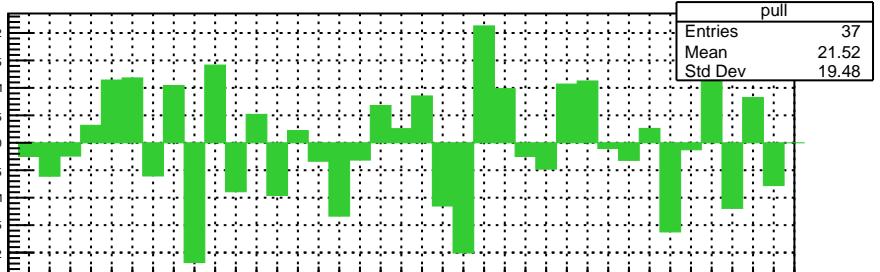
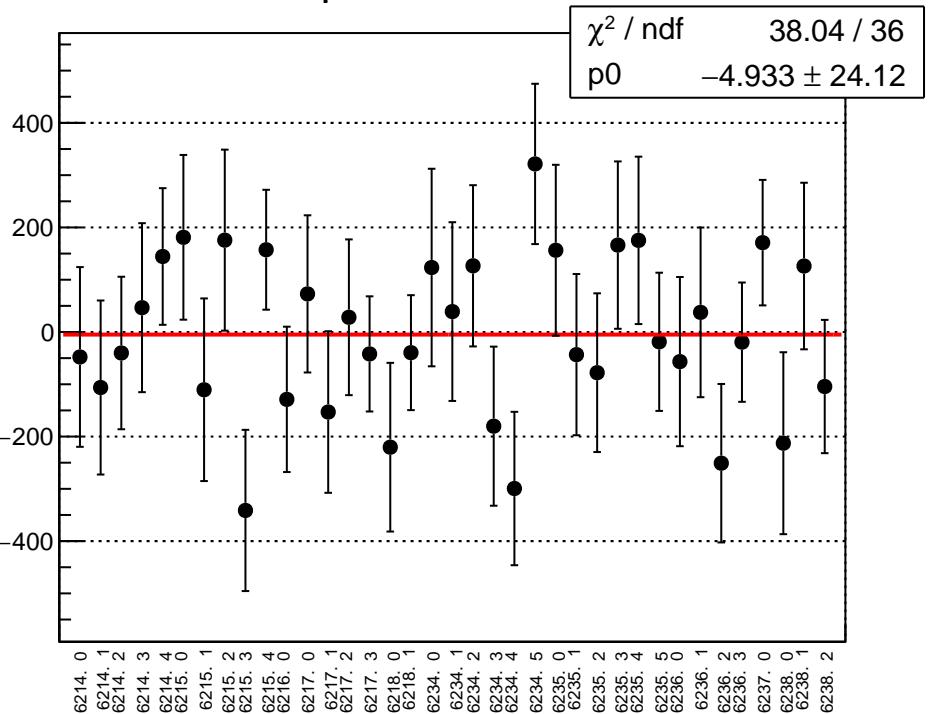
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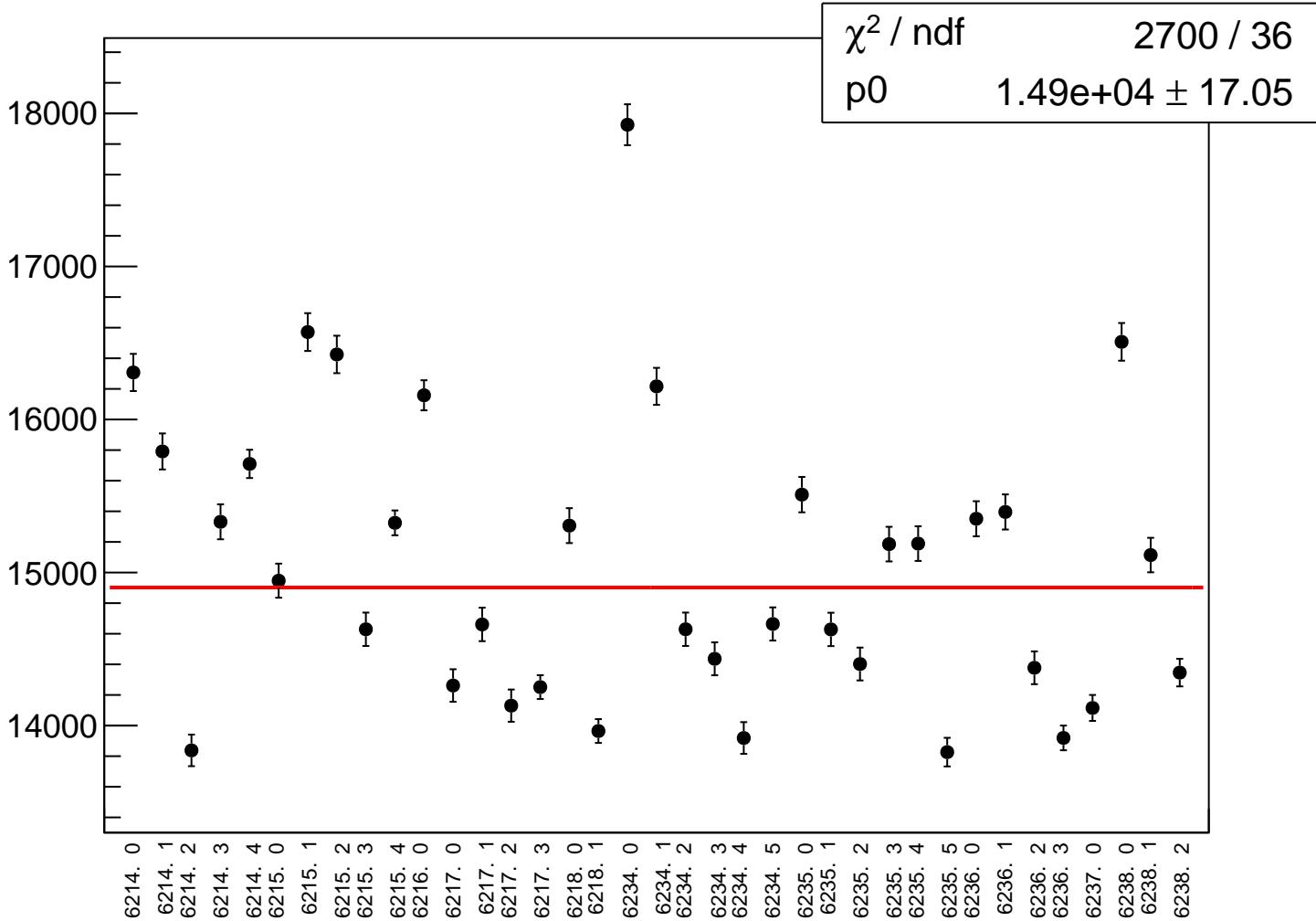
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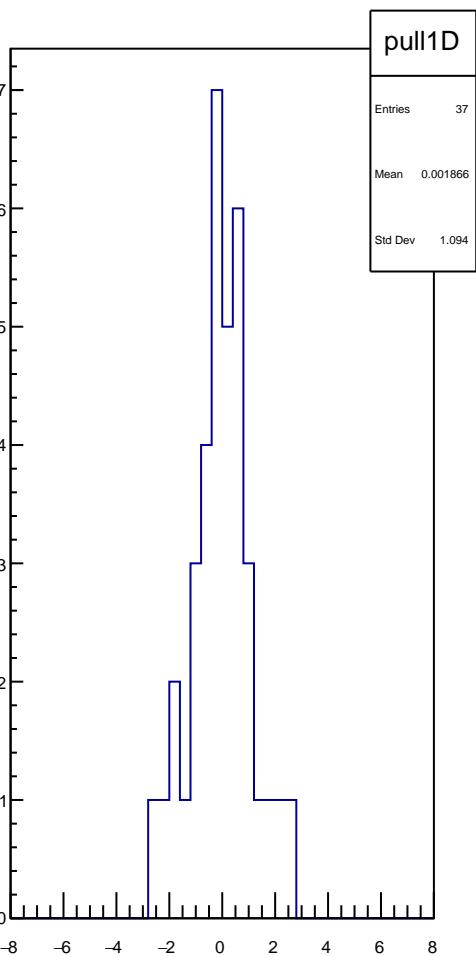
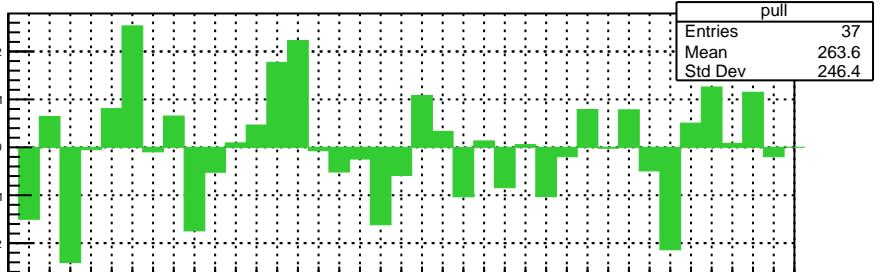
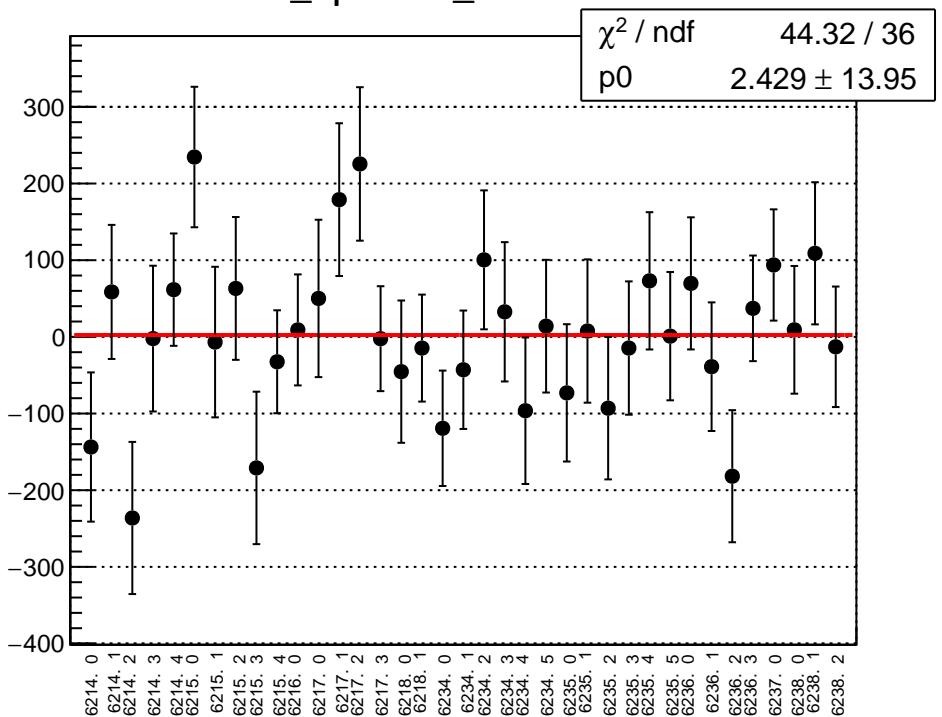
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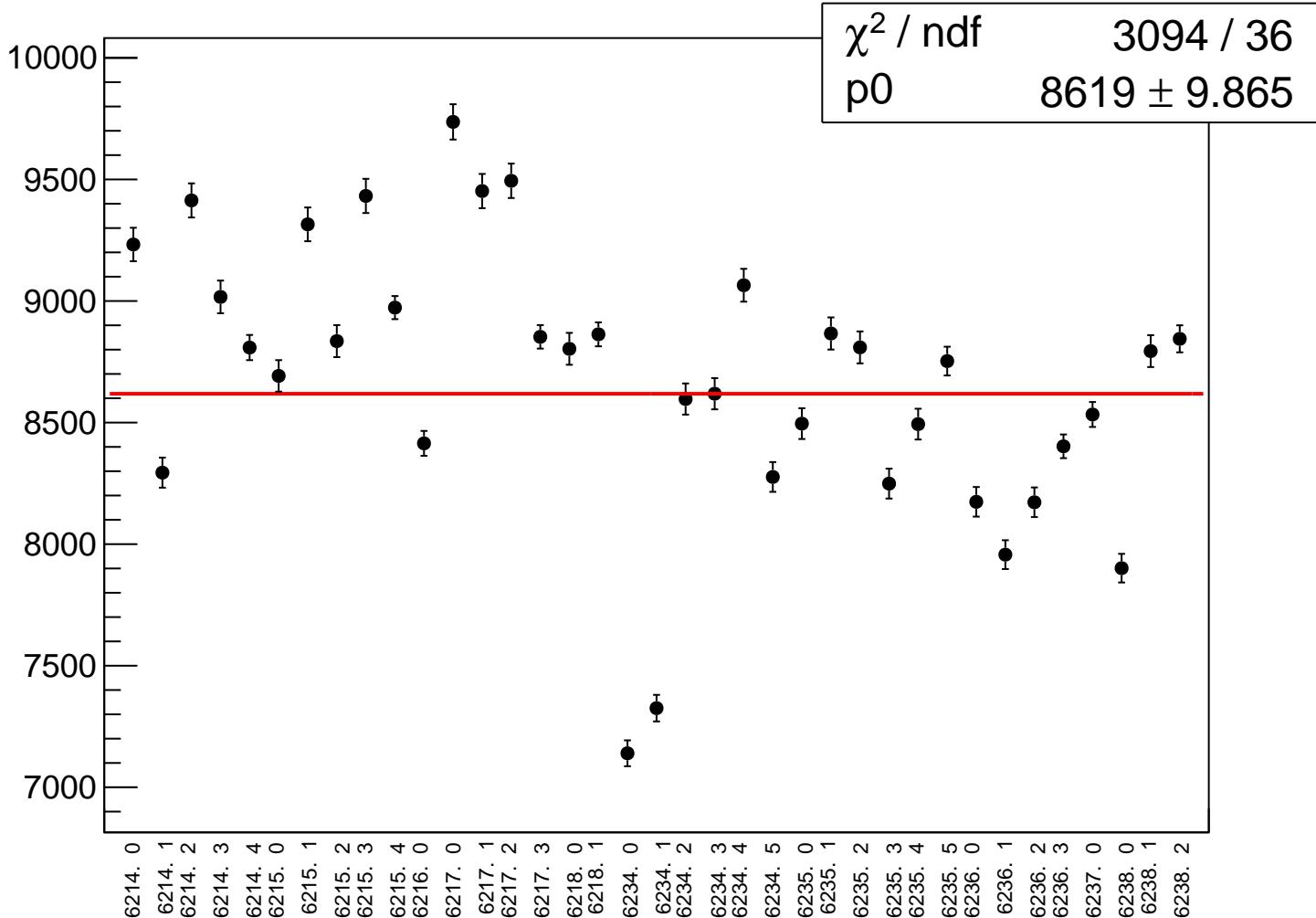
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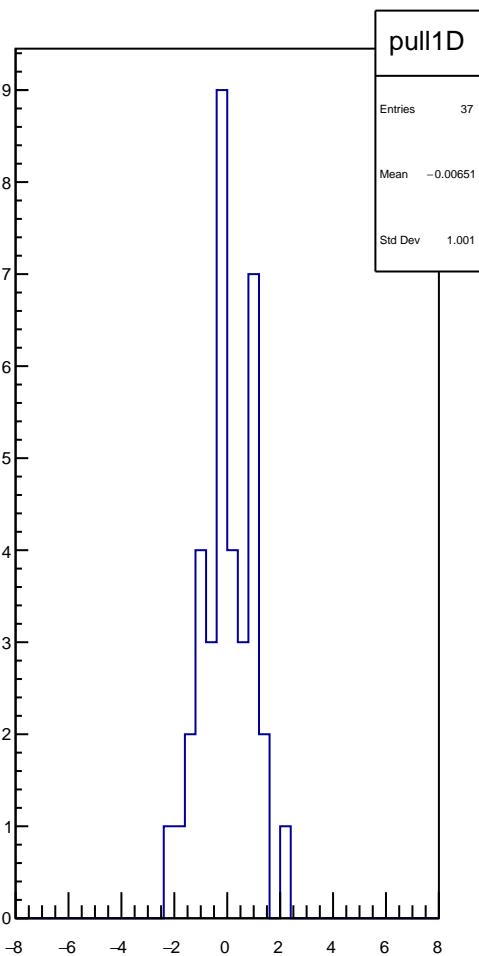
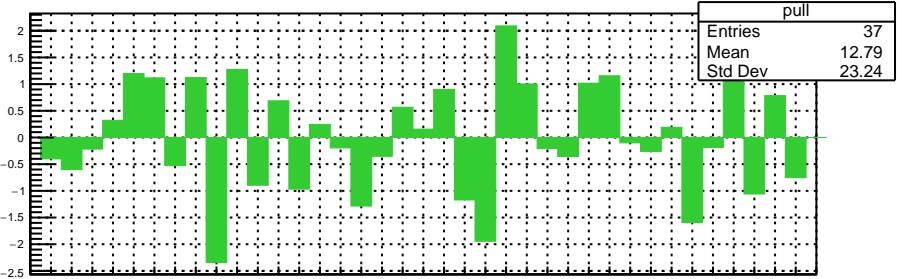
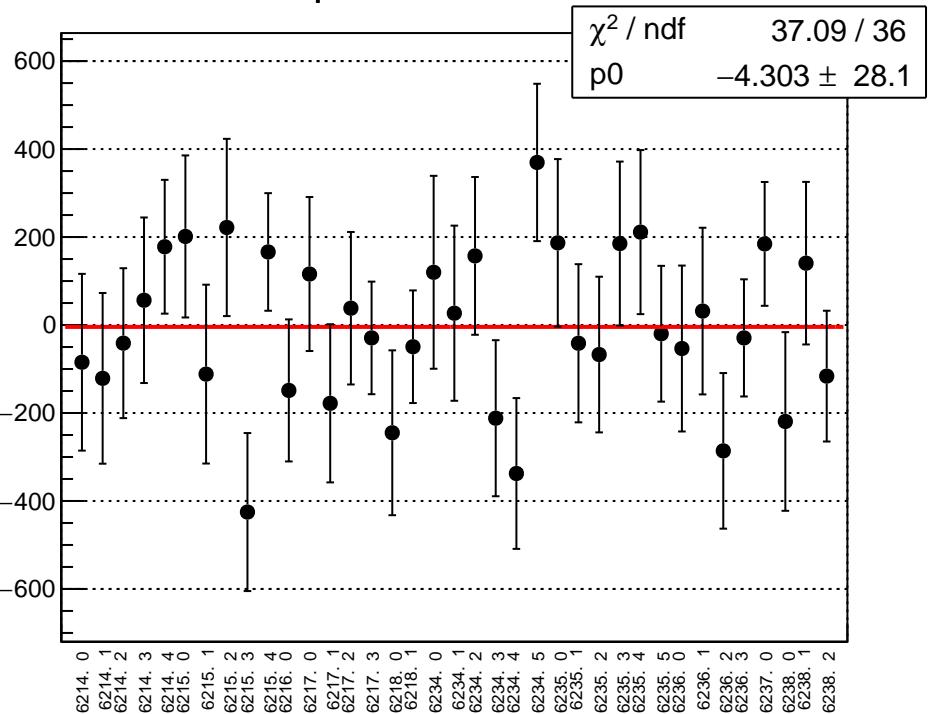
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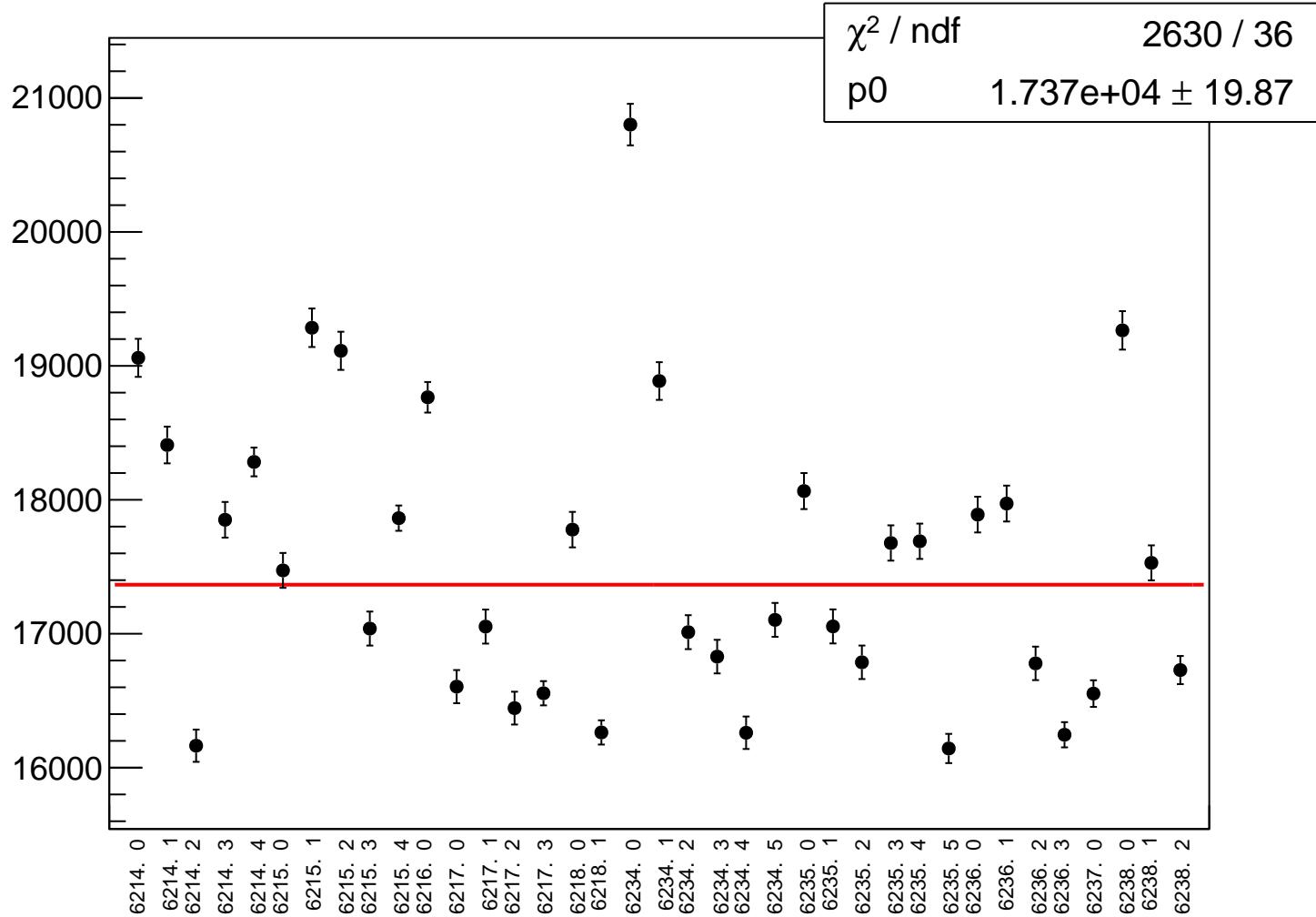
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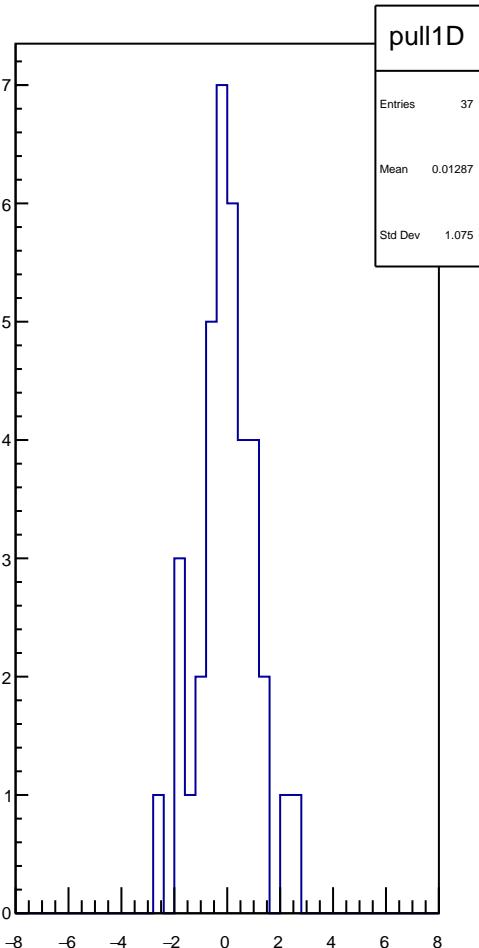
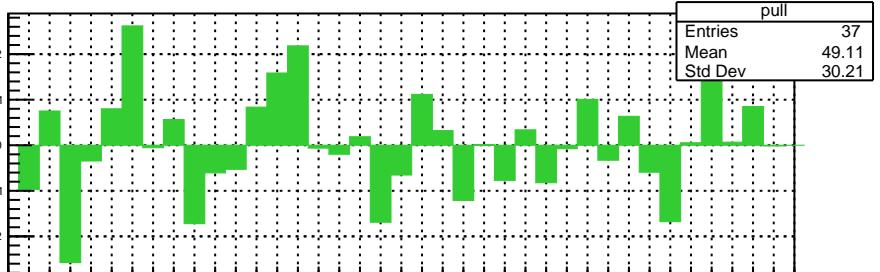
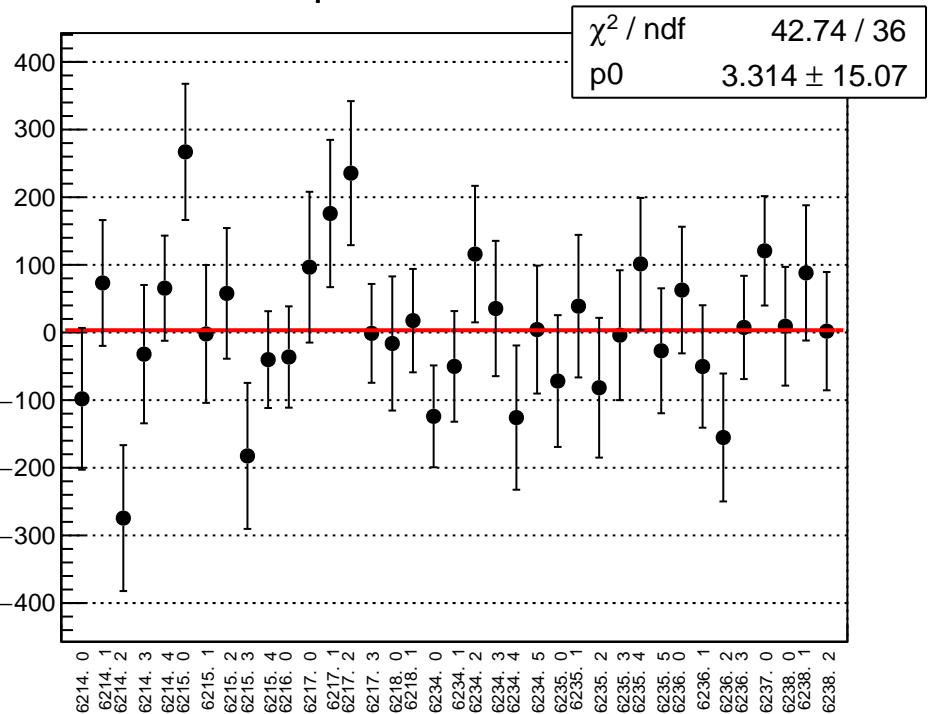
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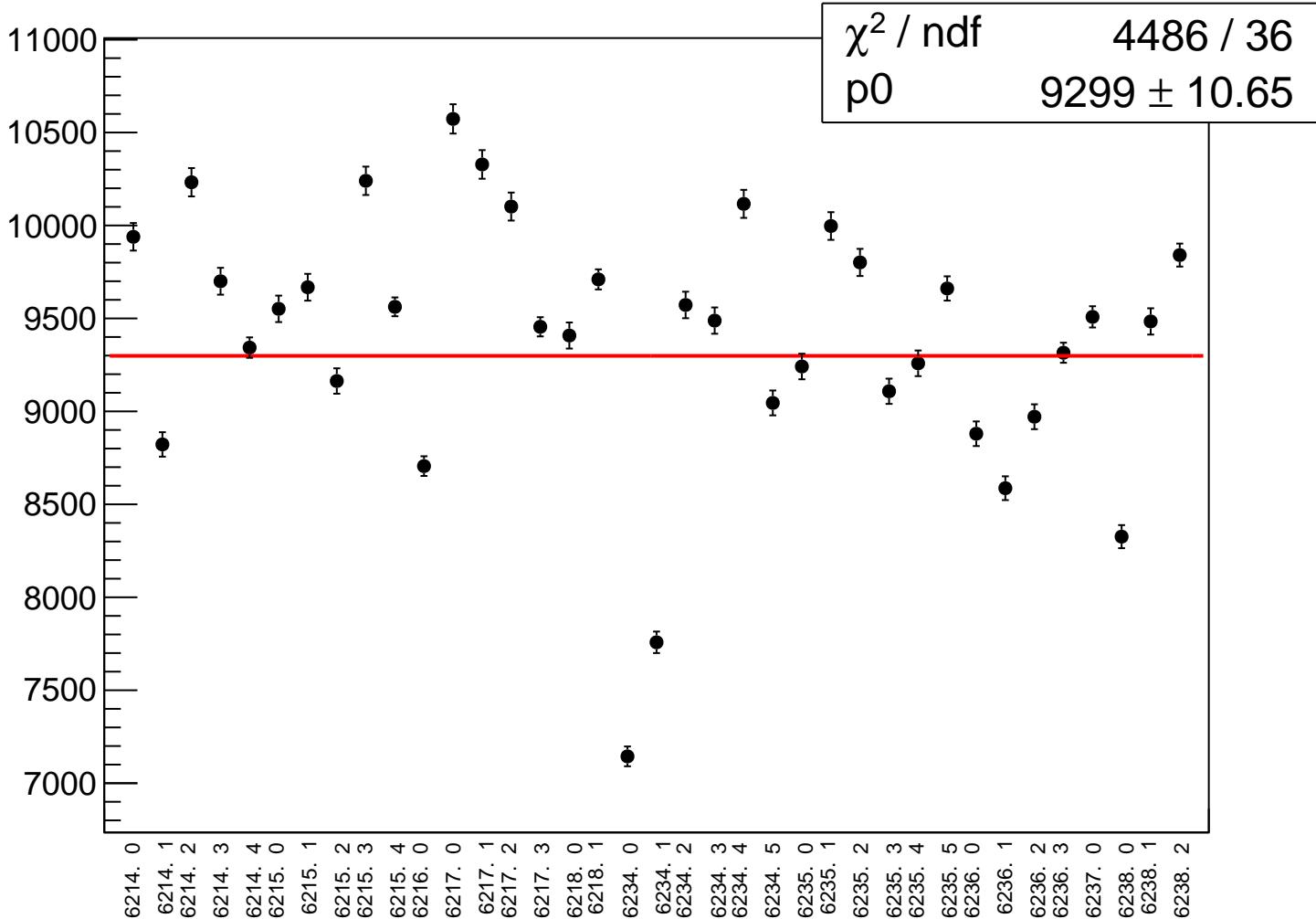
diff_bpm4acX_rms vs run



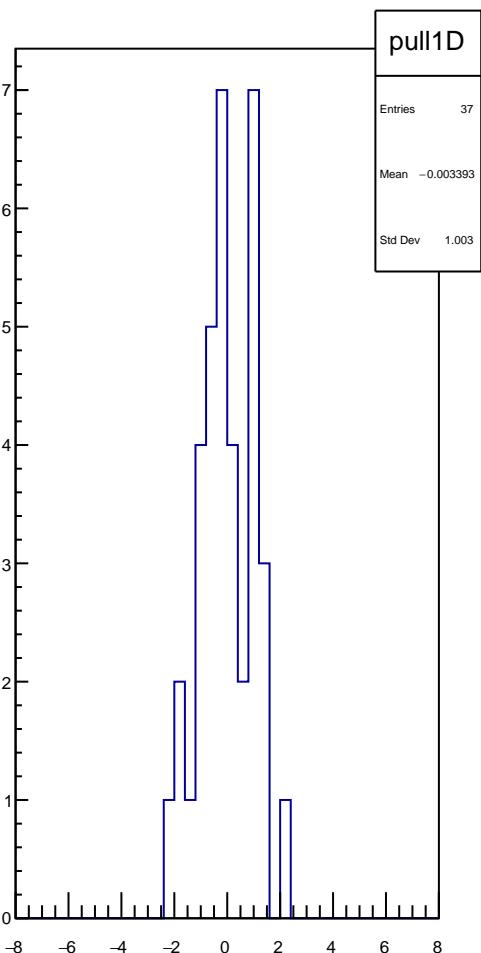
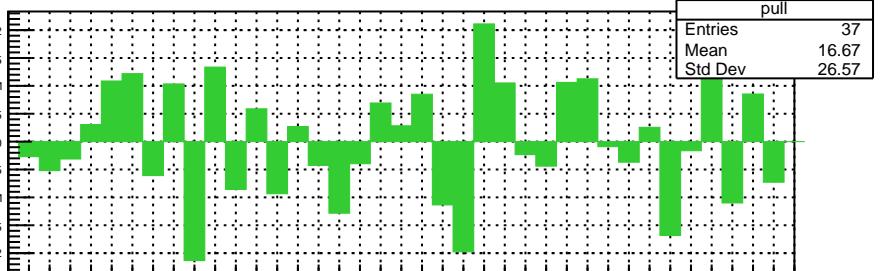
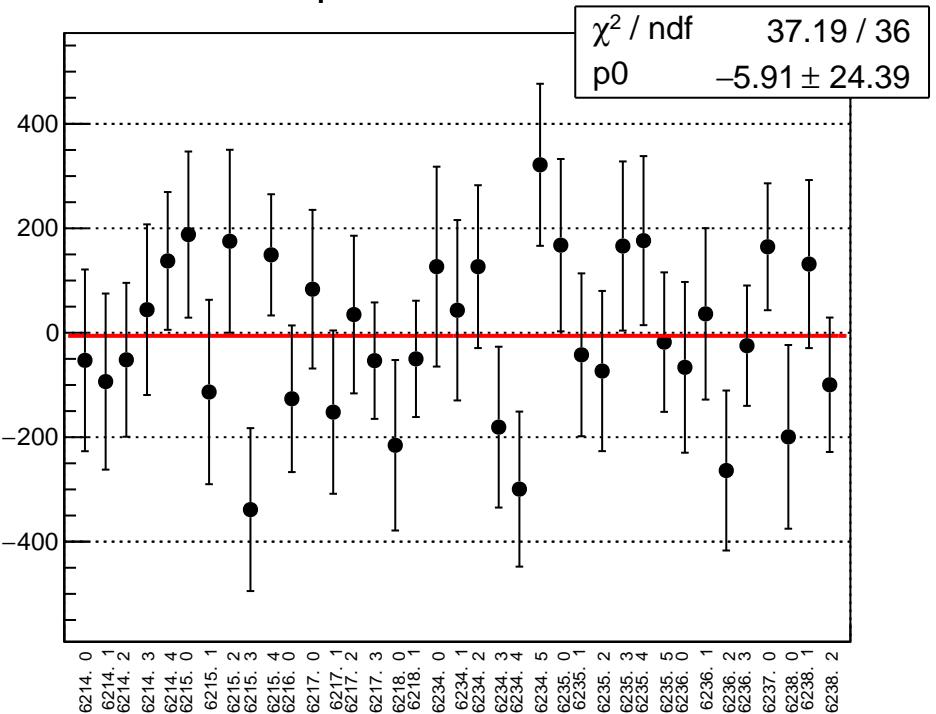
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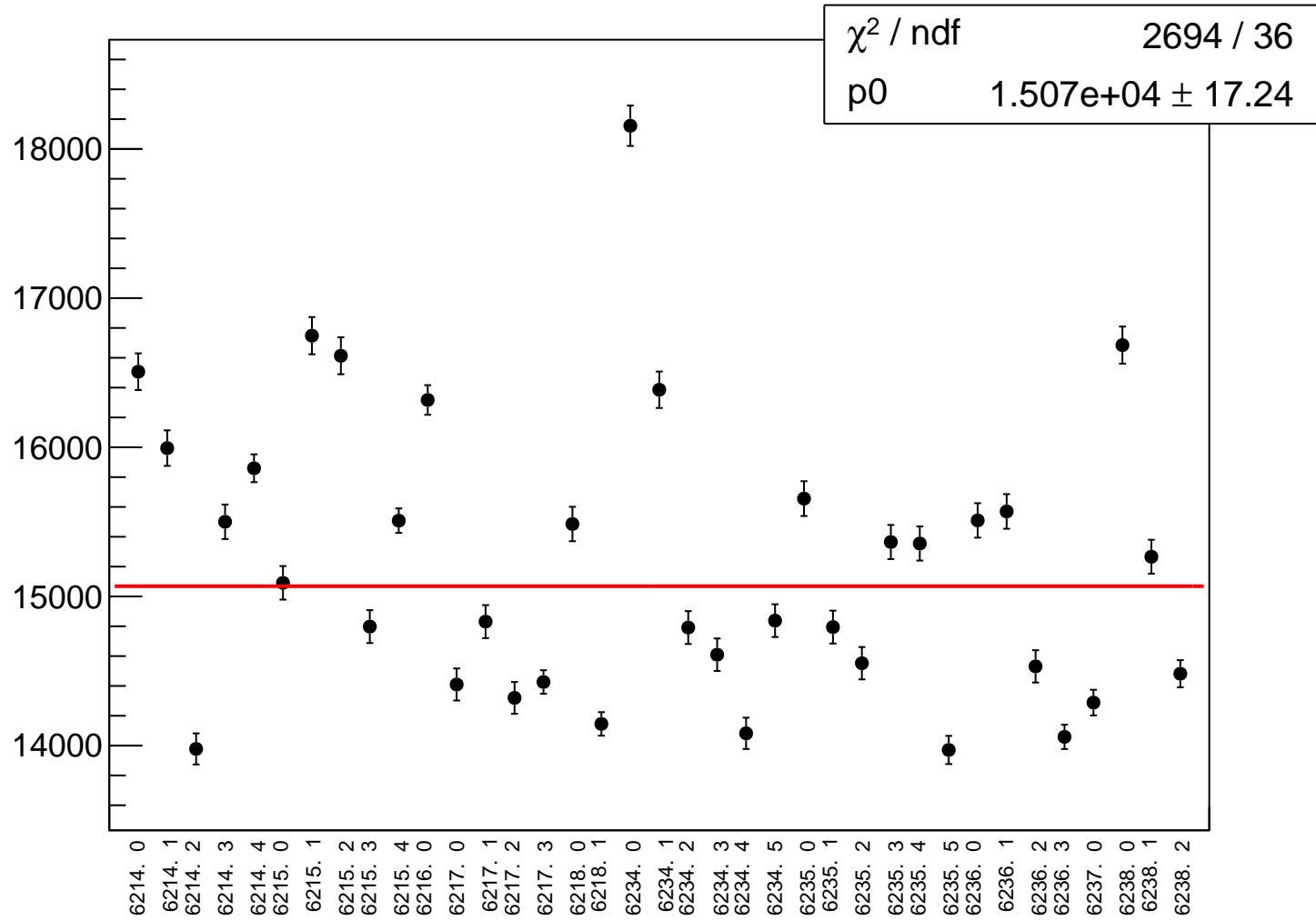
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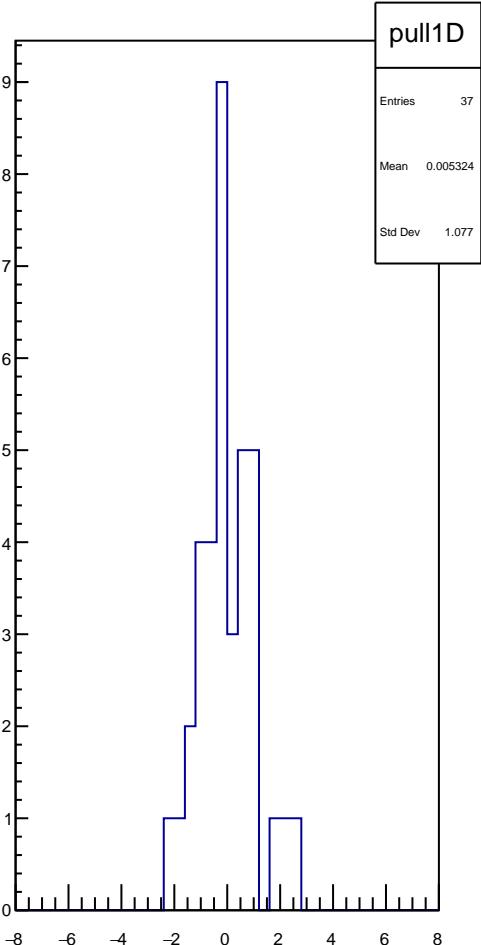
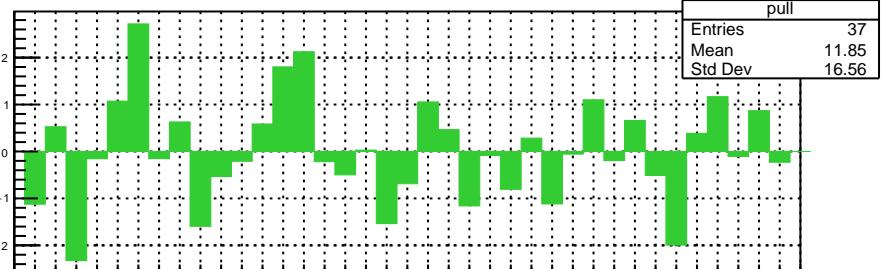
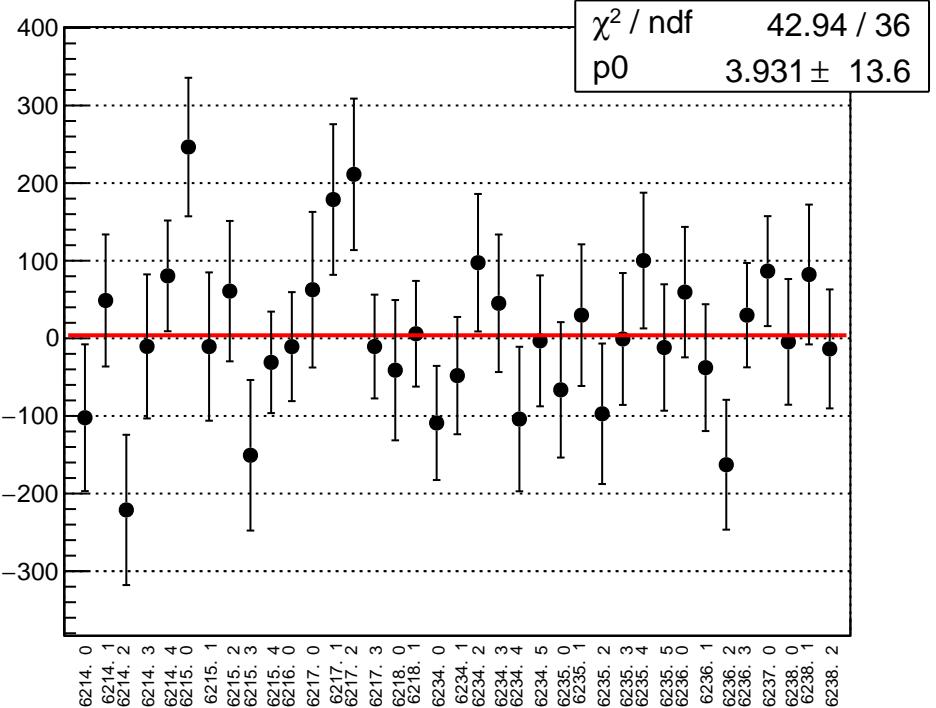
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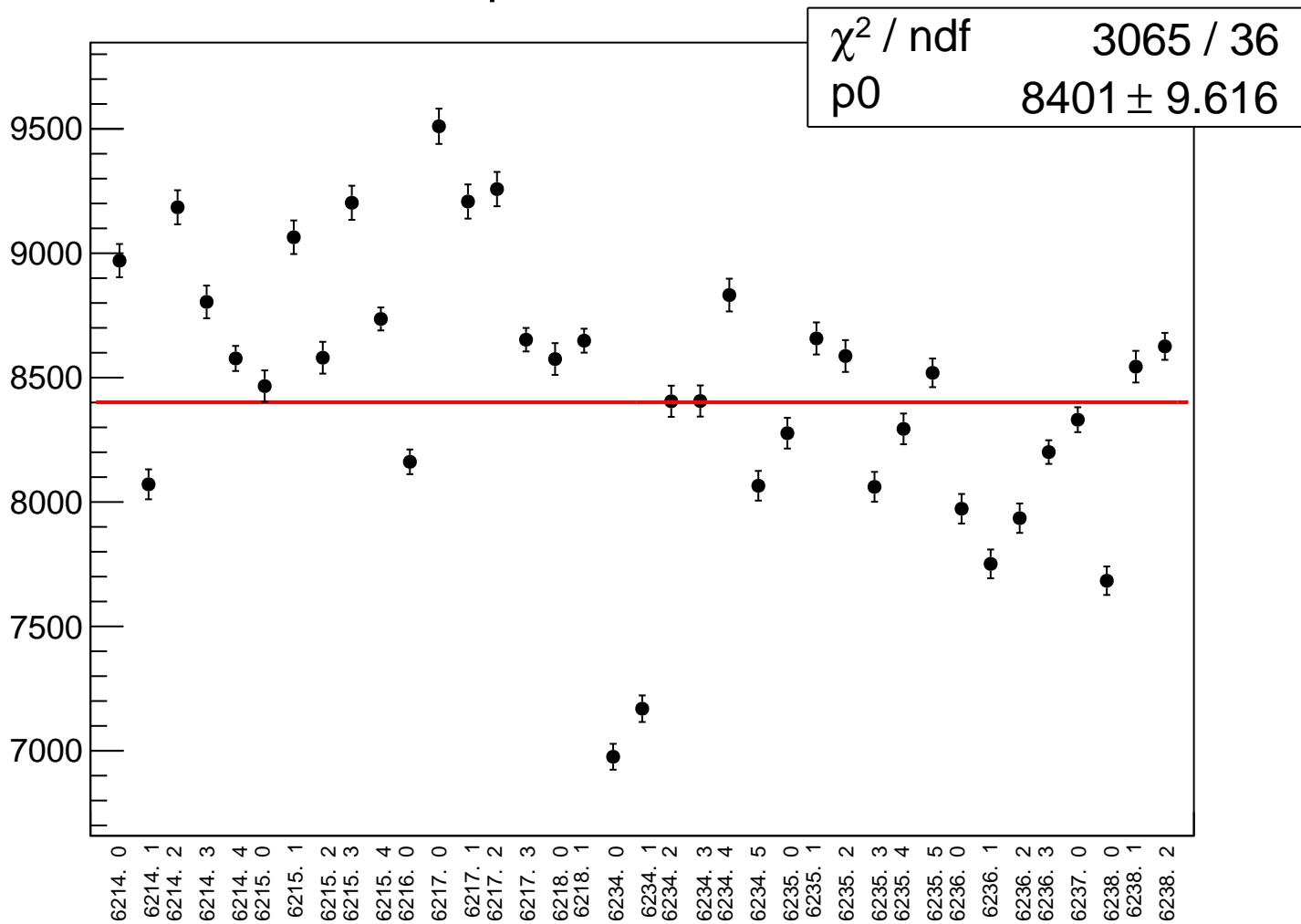
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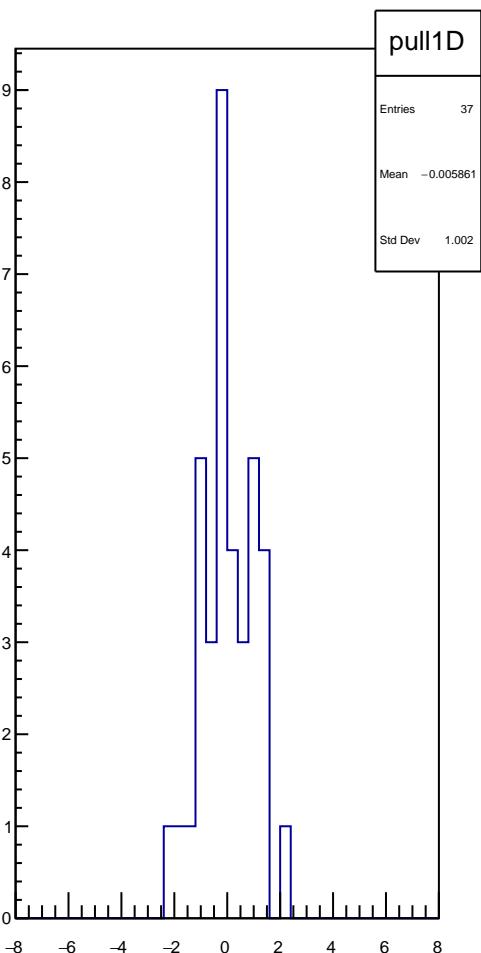
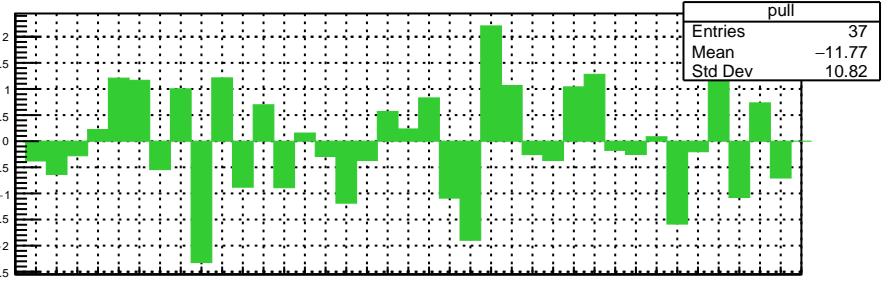
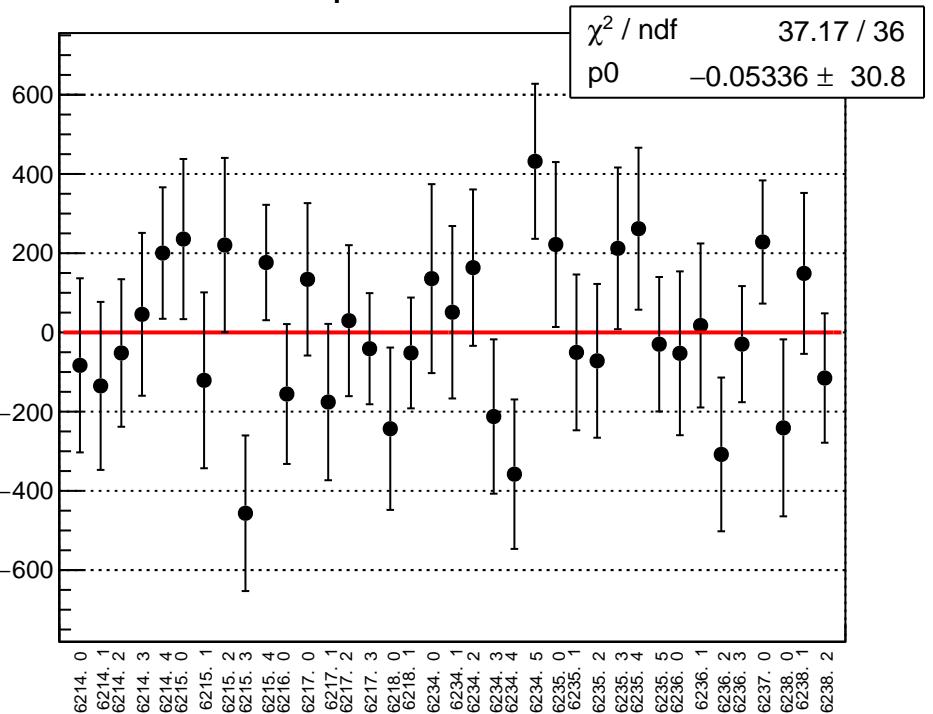
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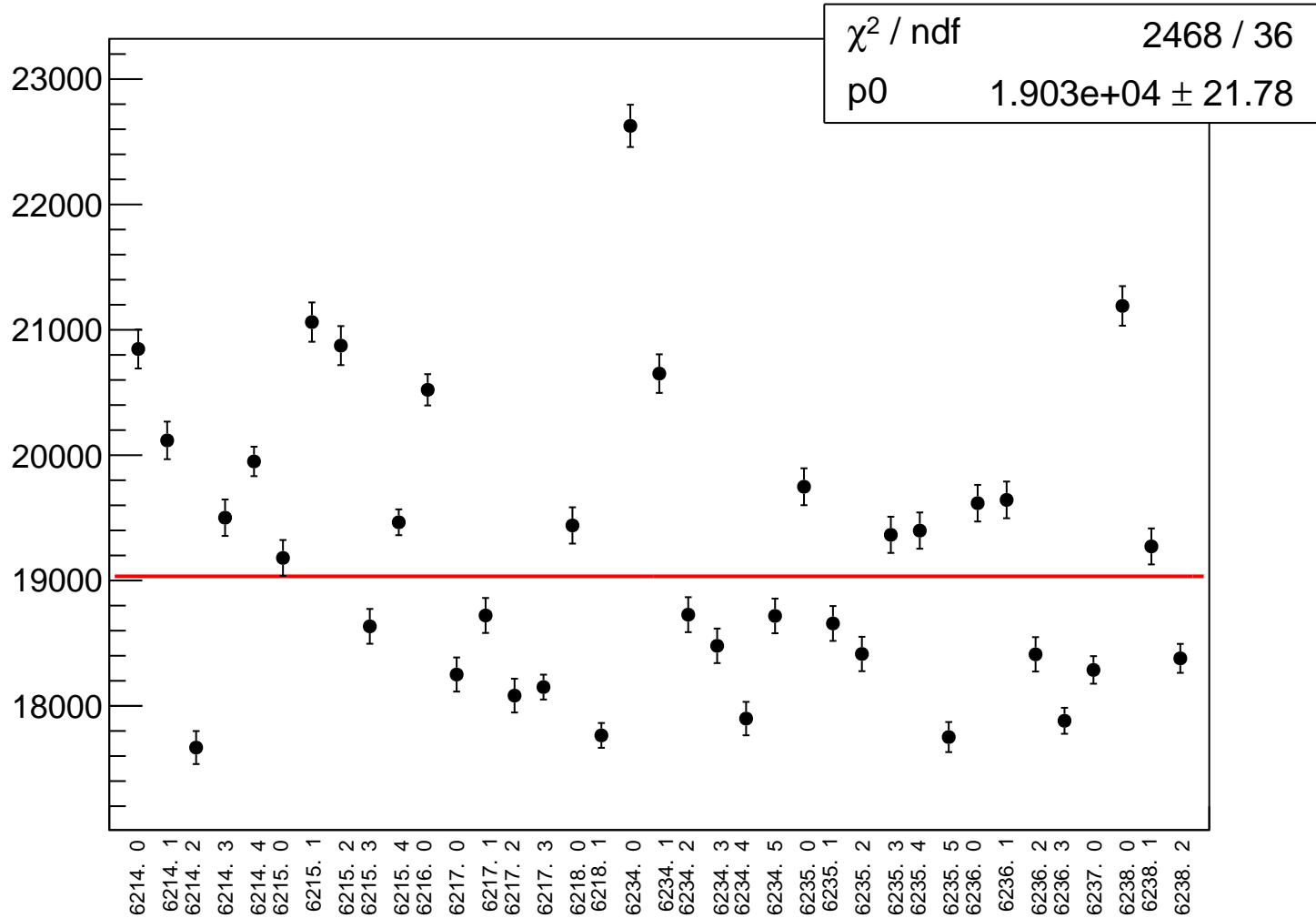
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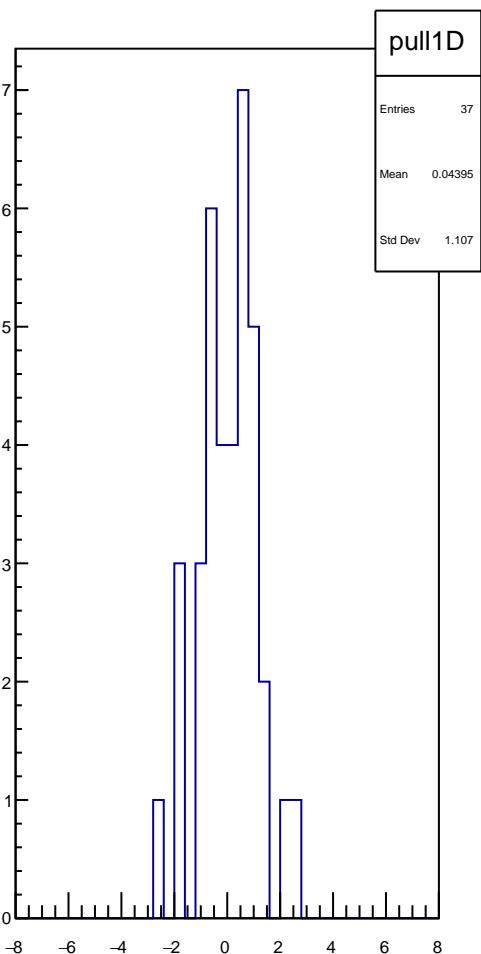
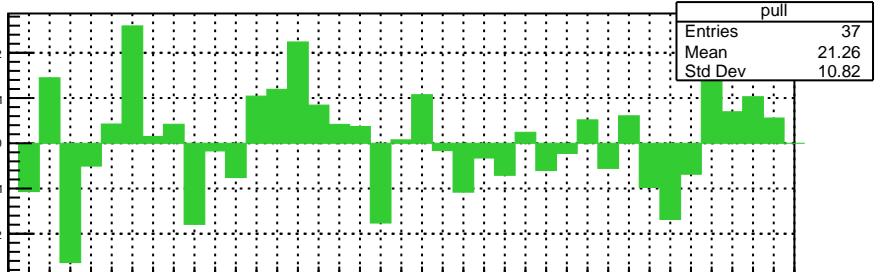
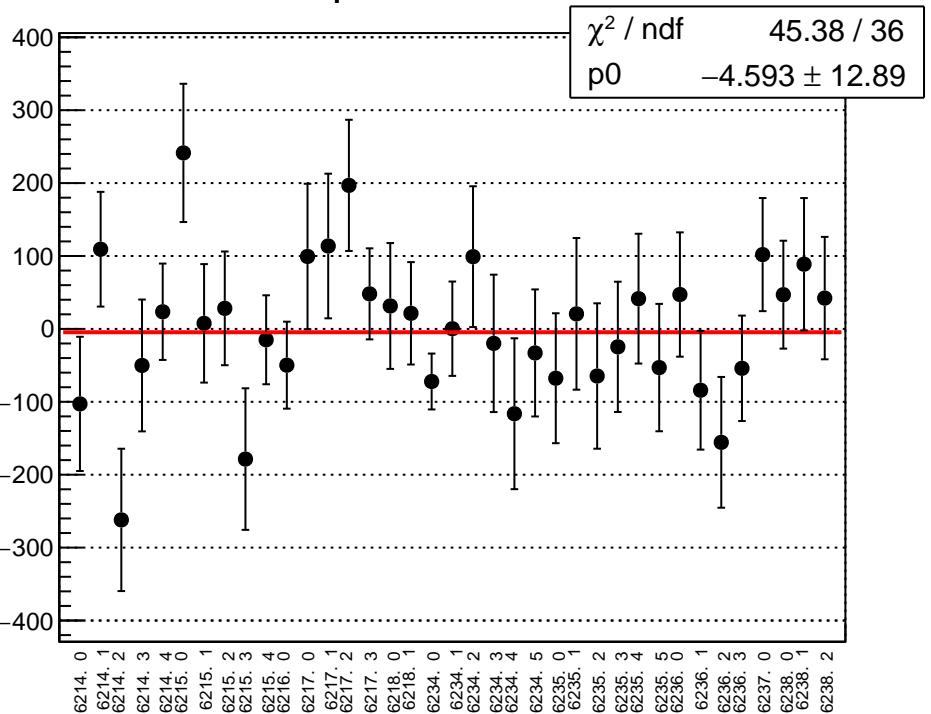
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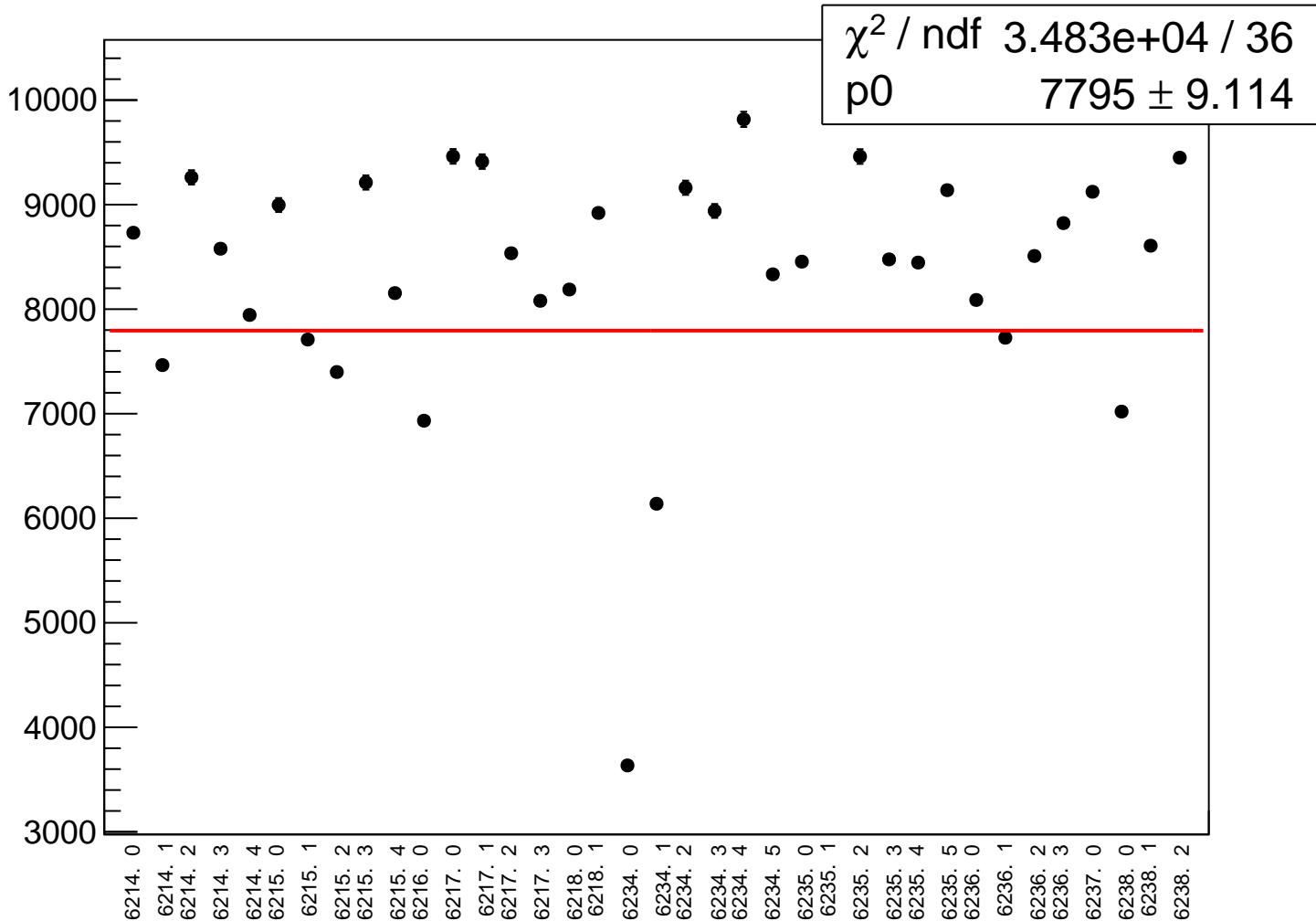
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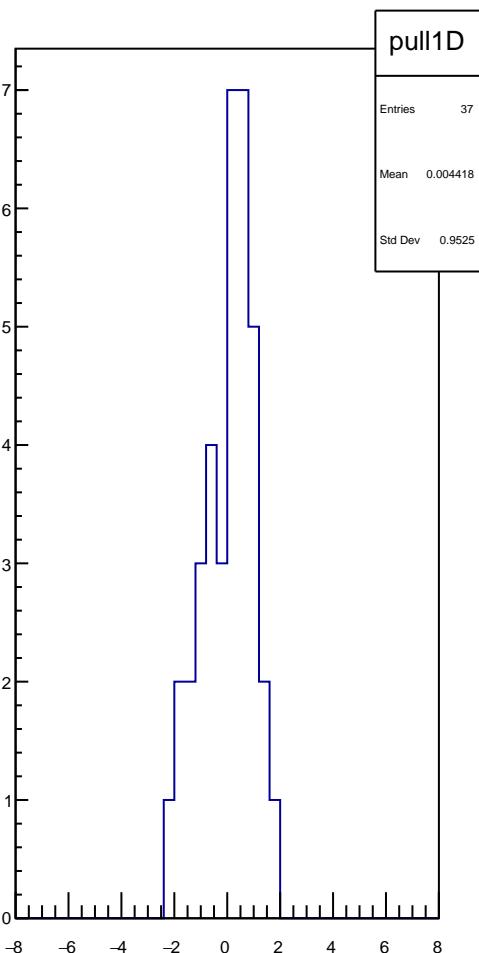
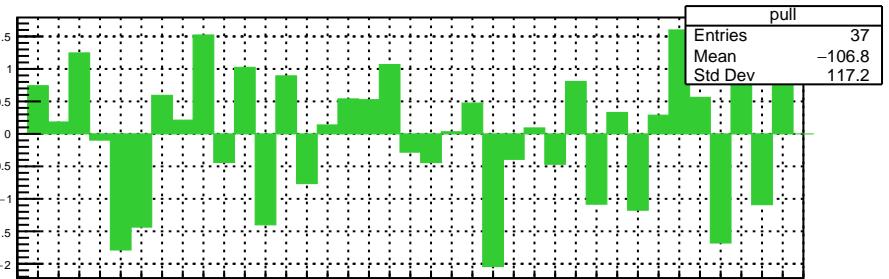
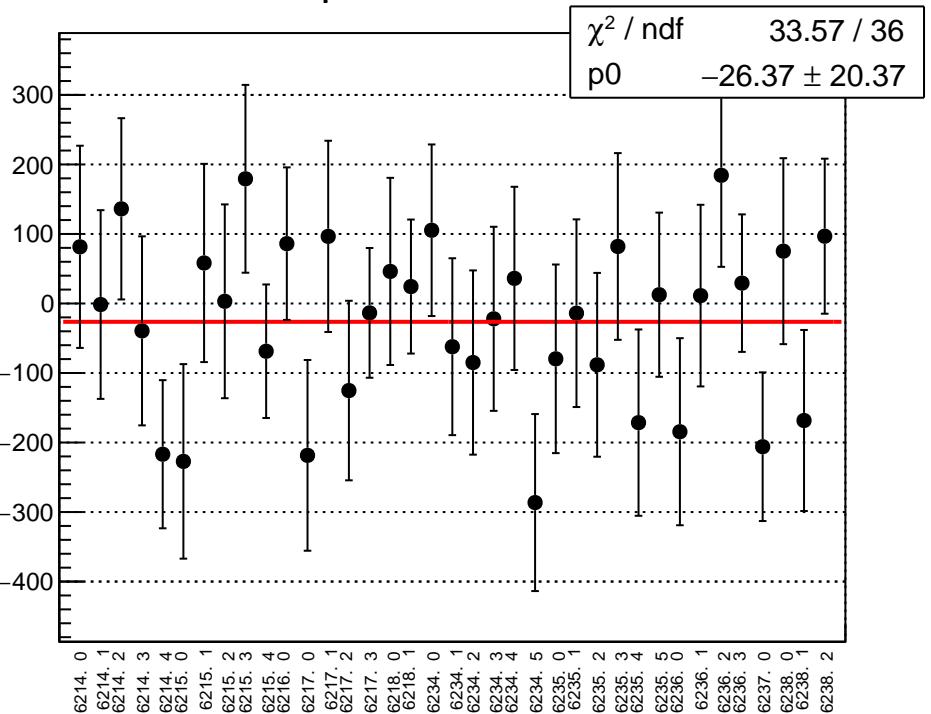
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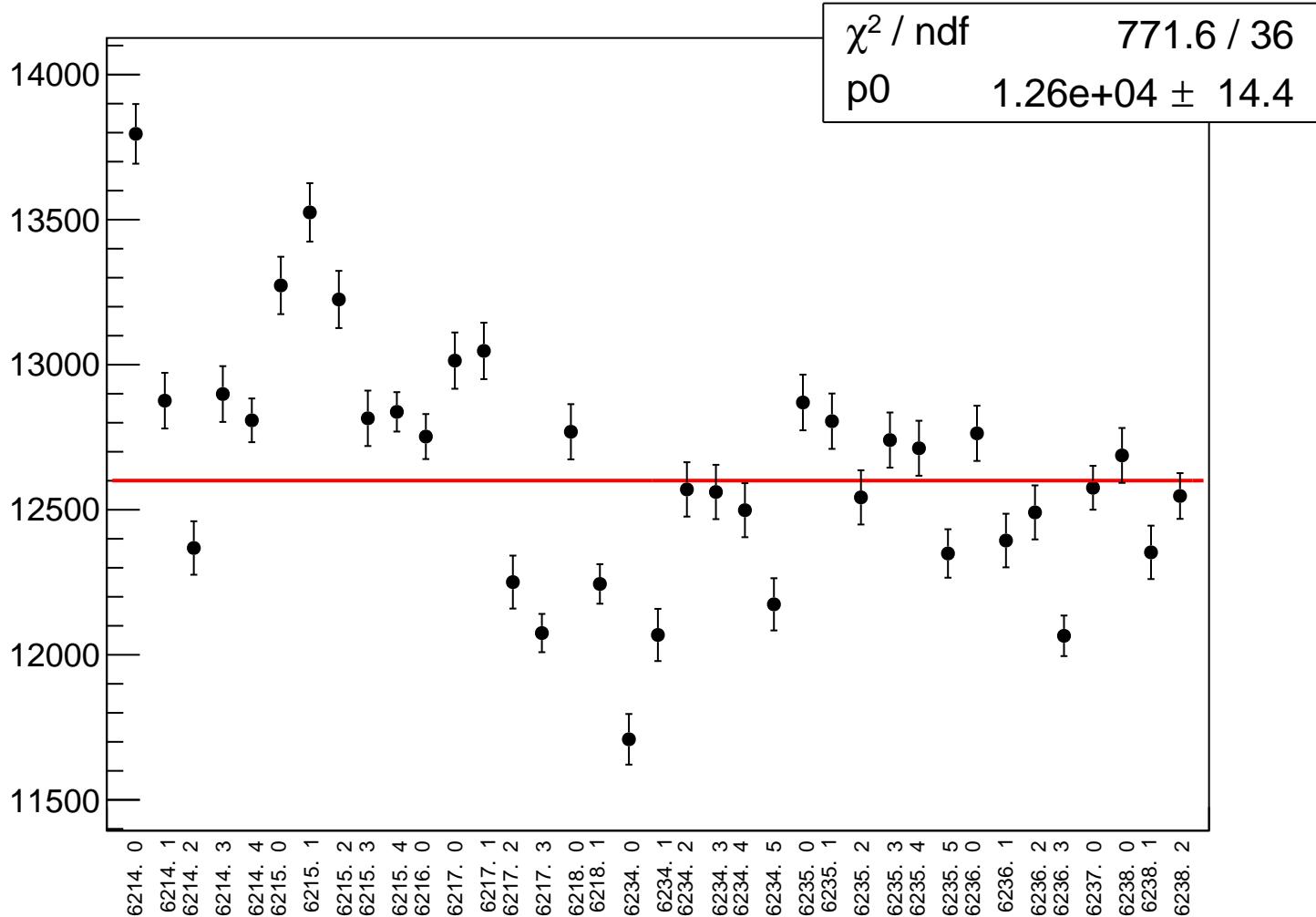
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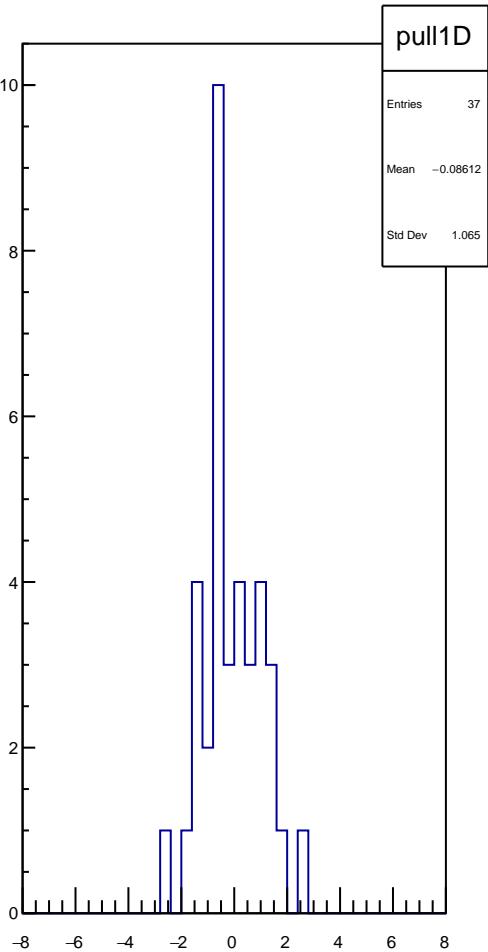
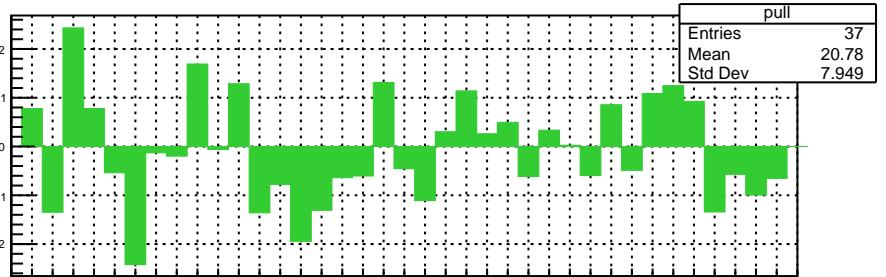
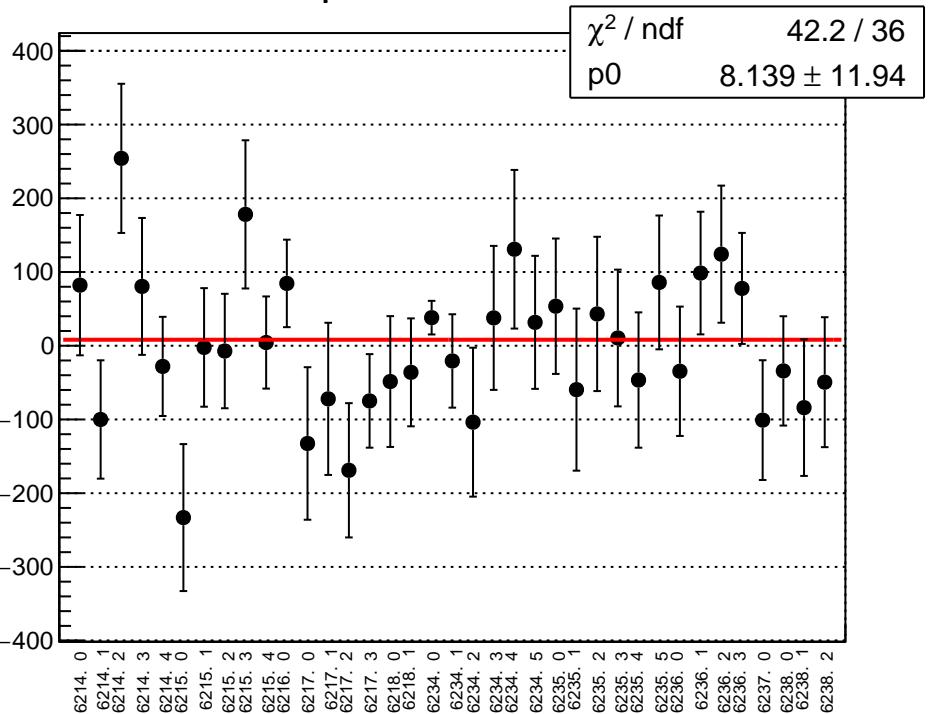
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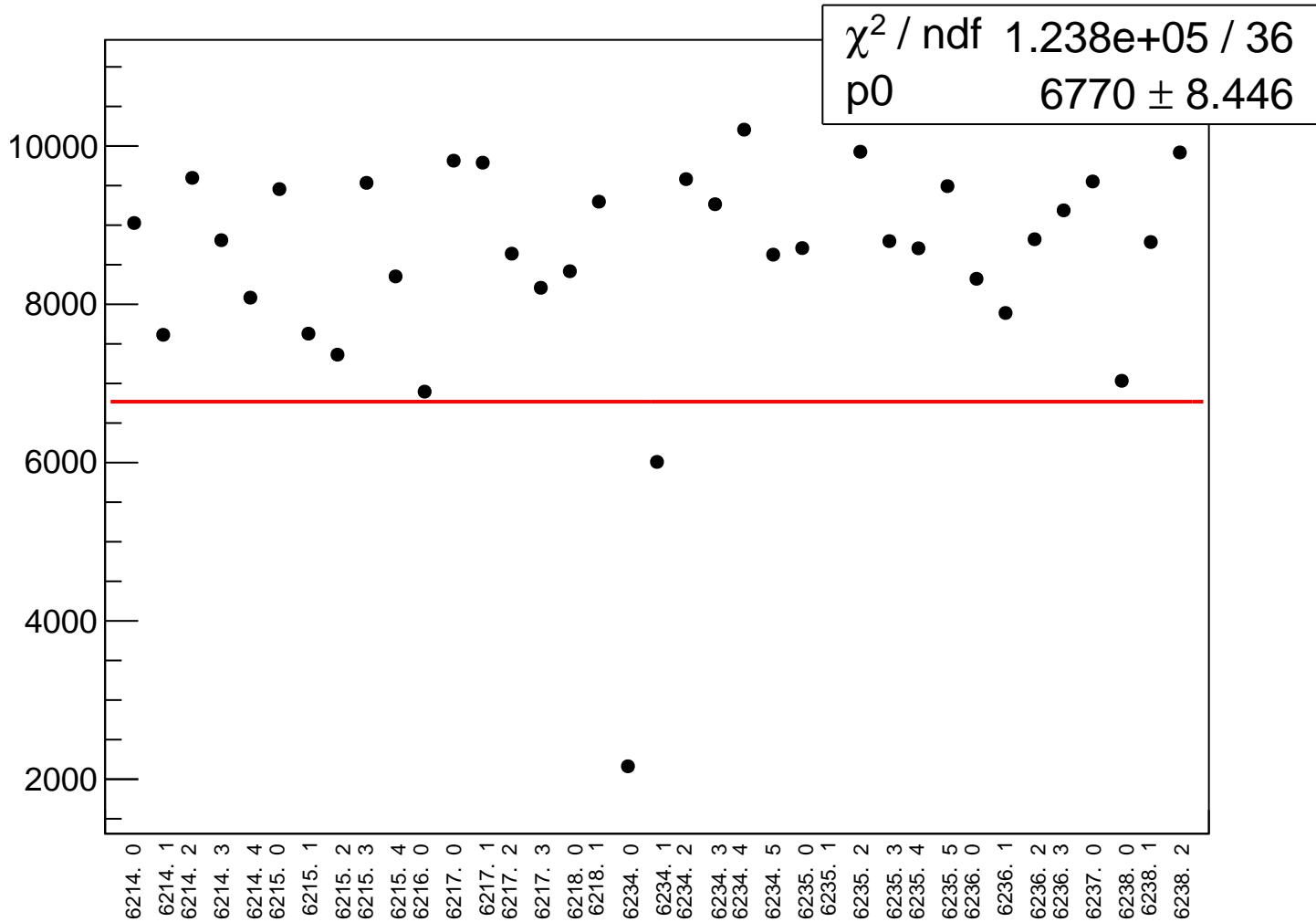
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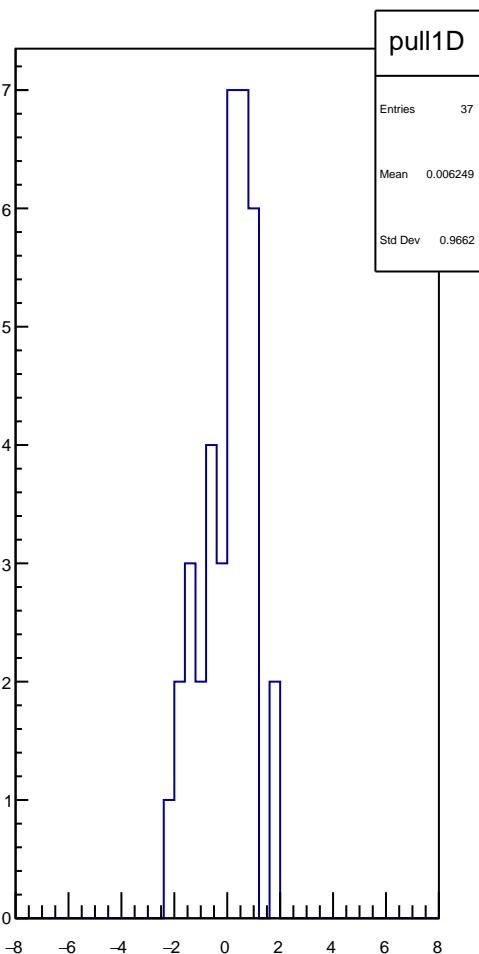
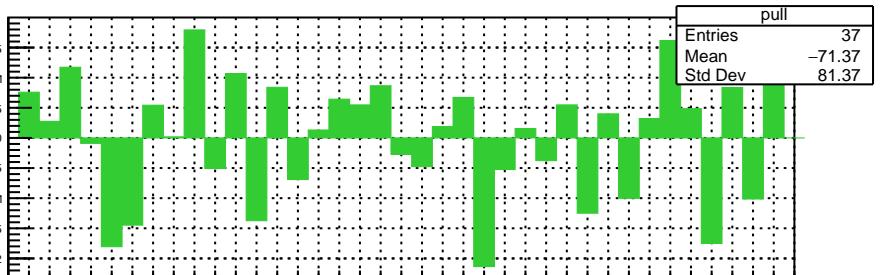
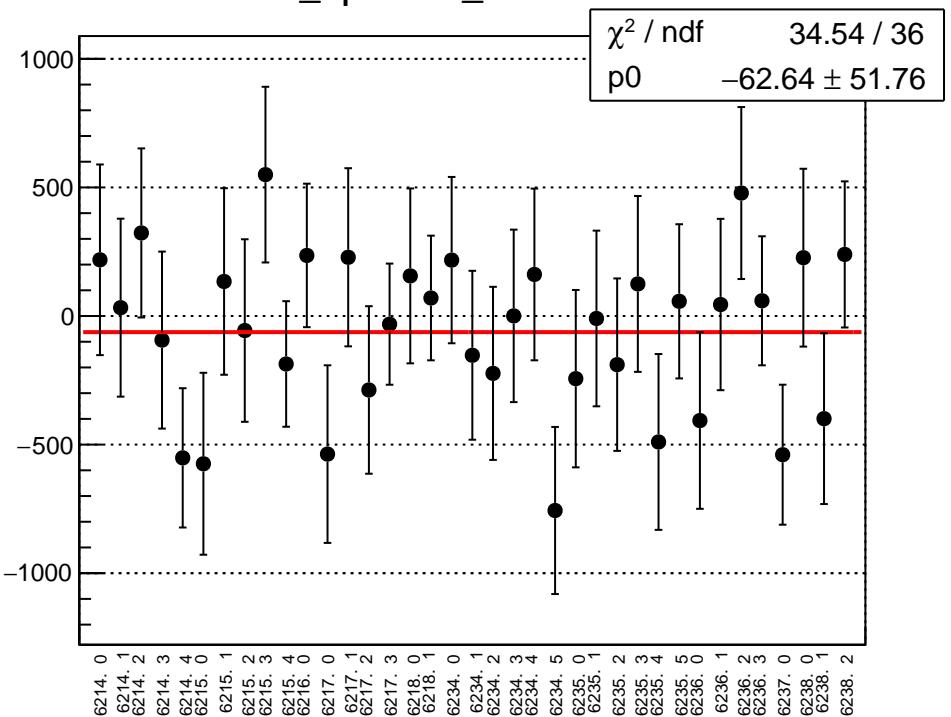
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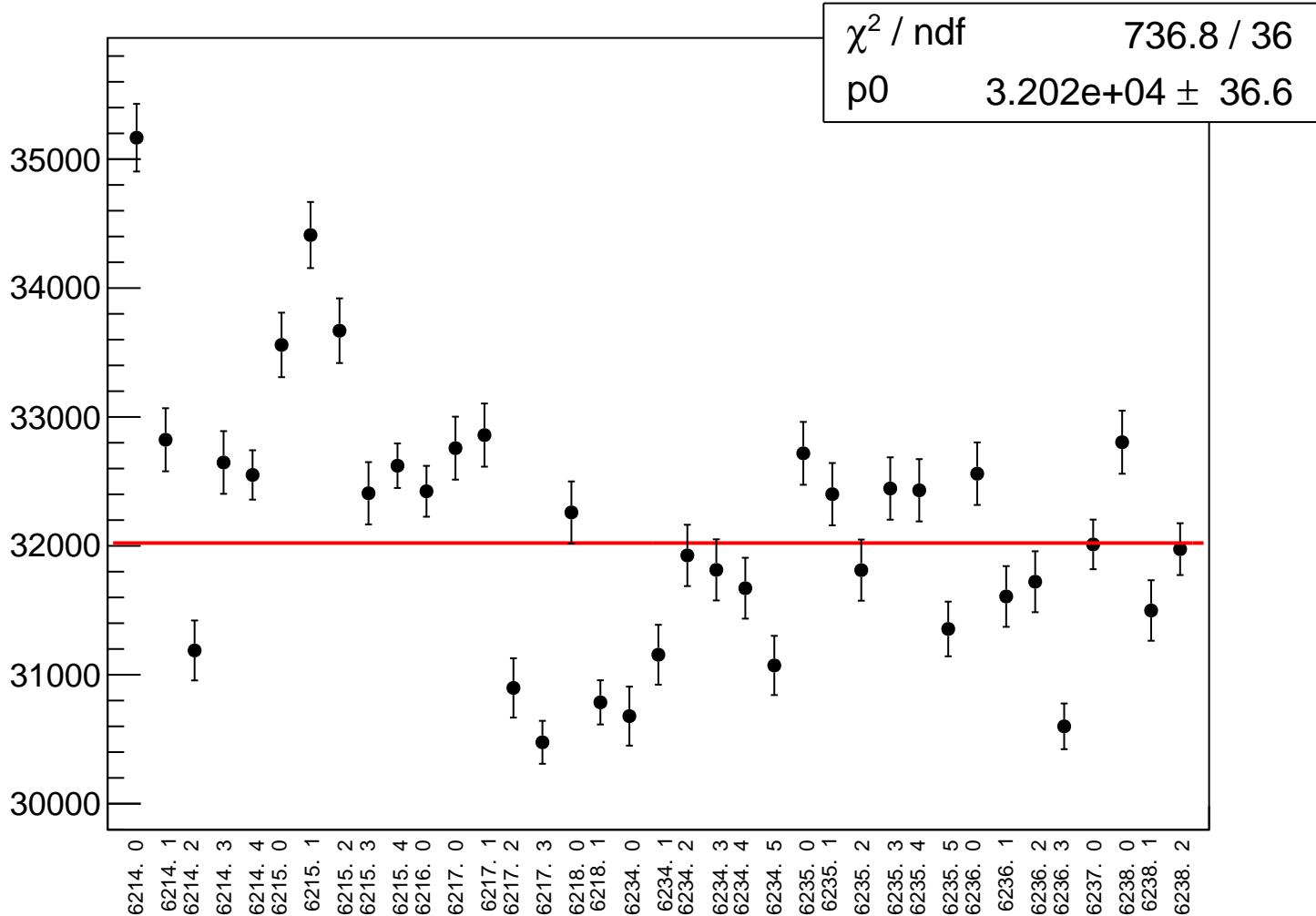
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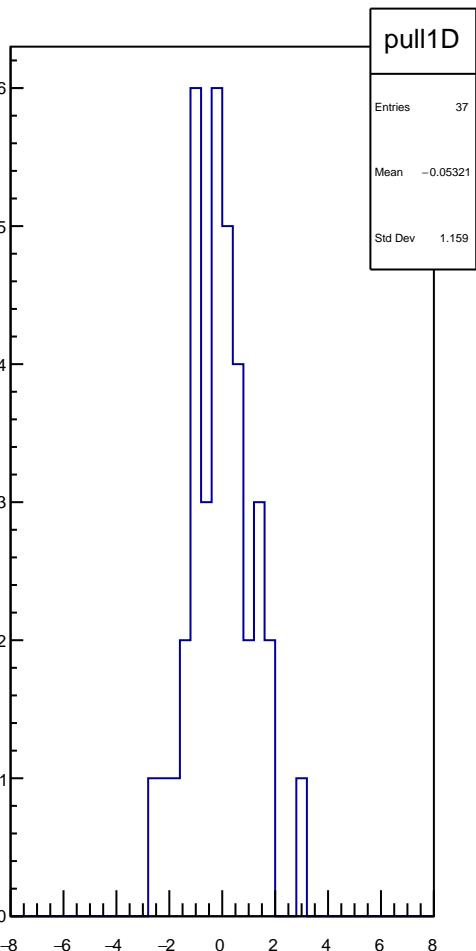
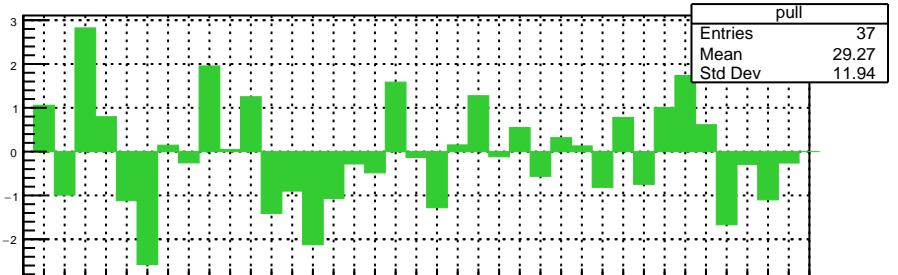
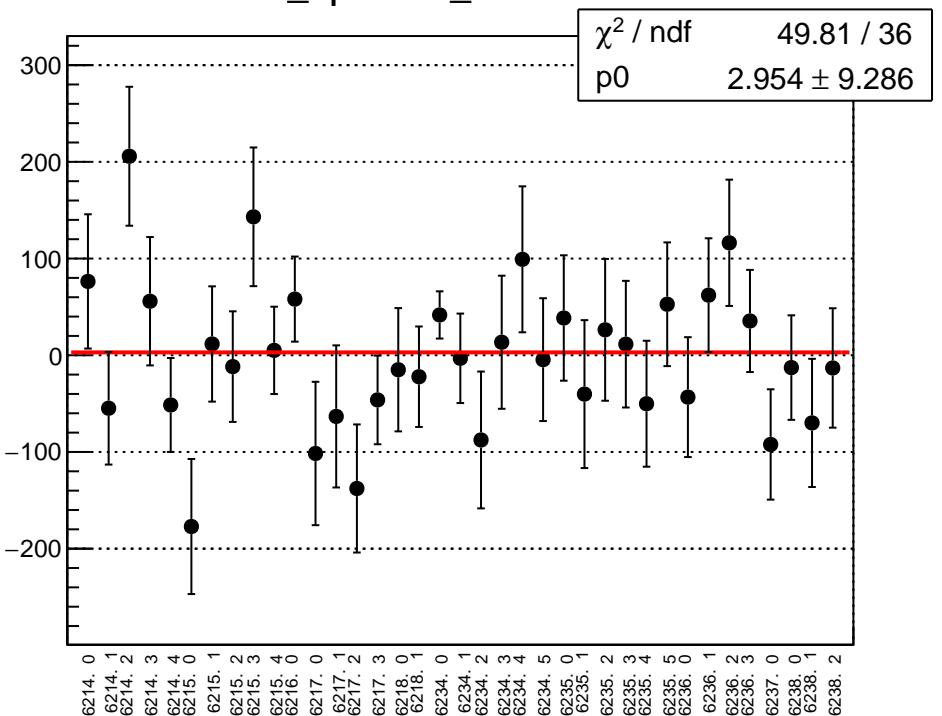
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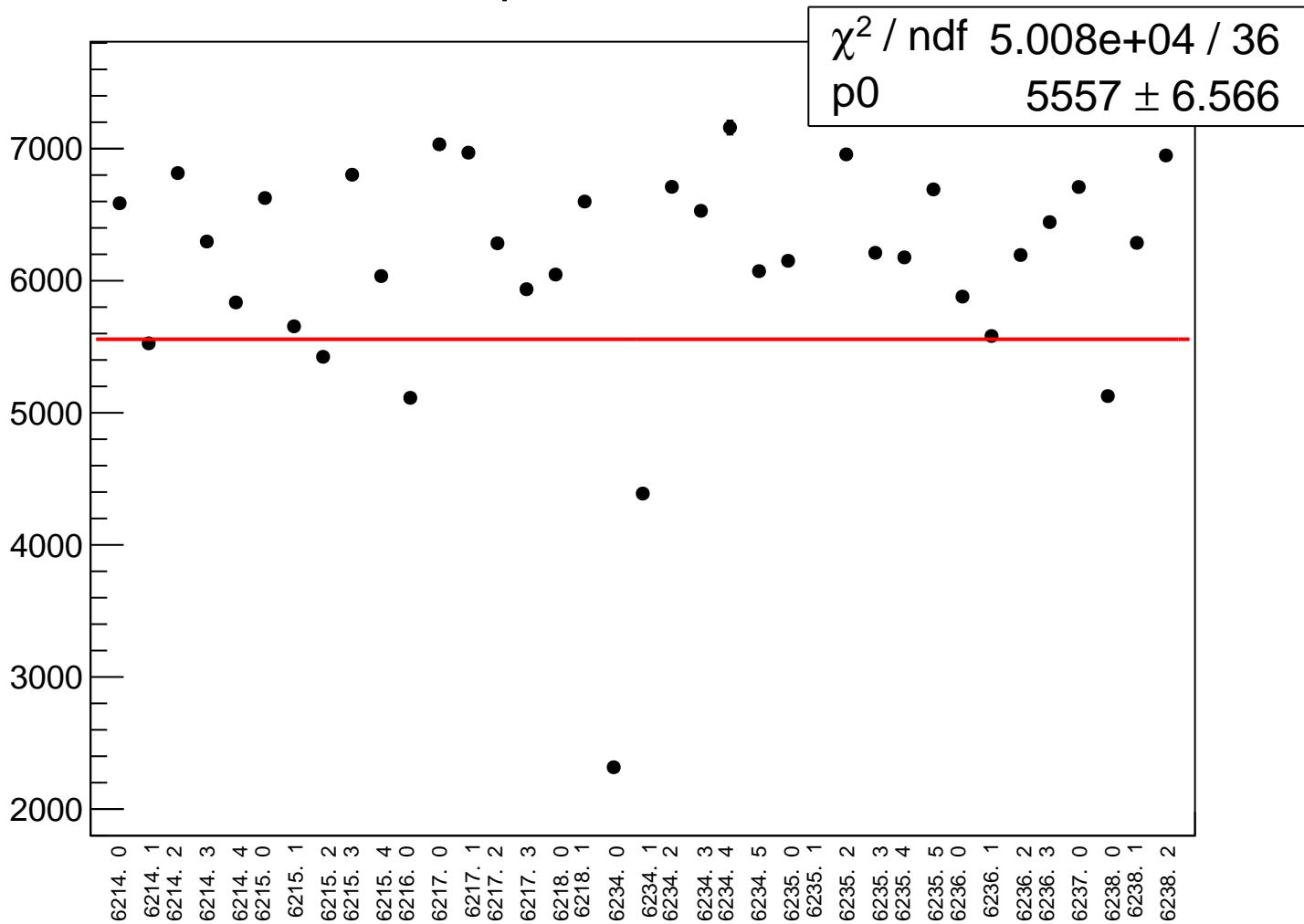
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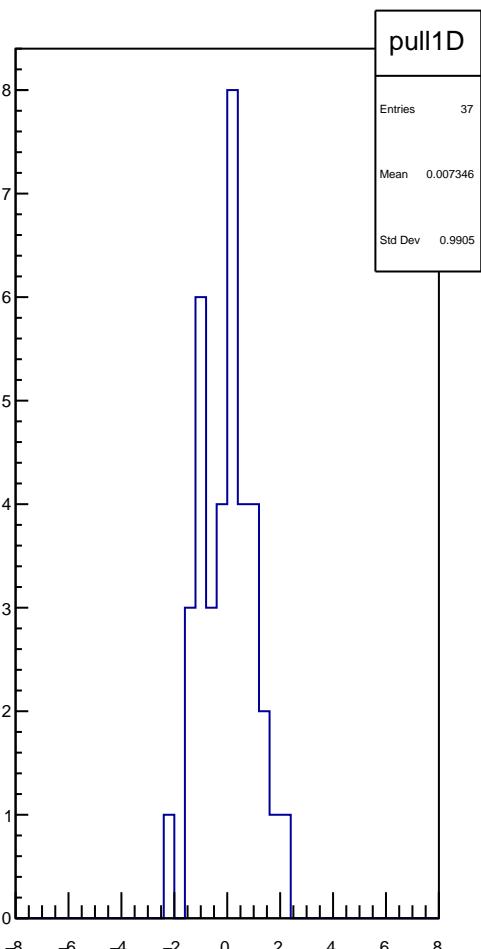
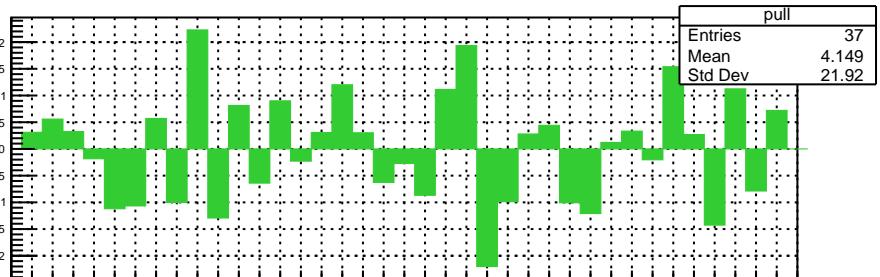
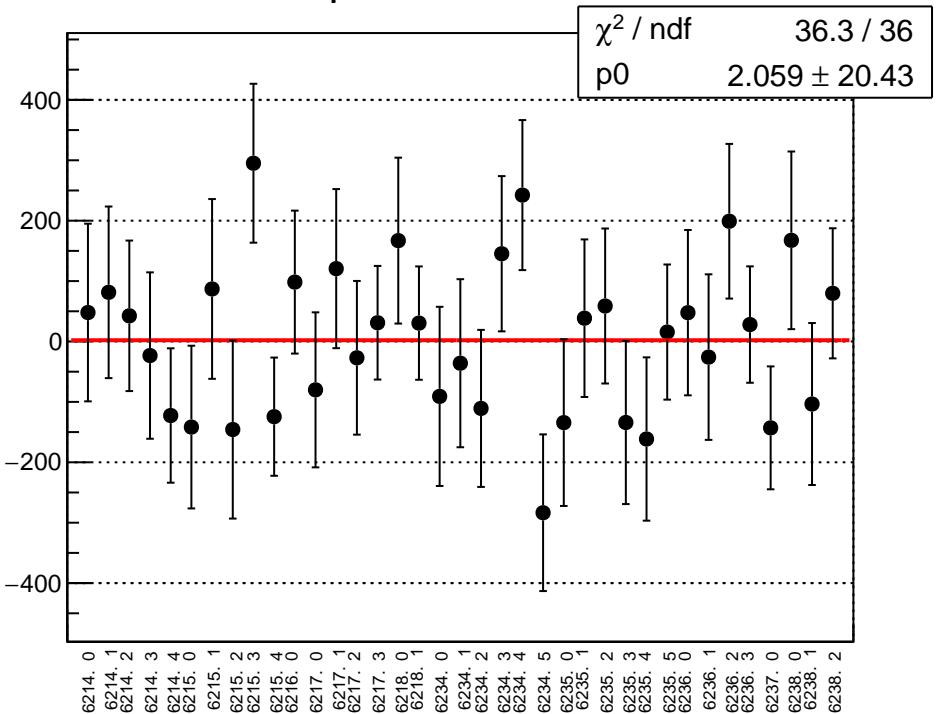
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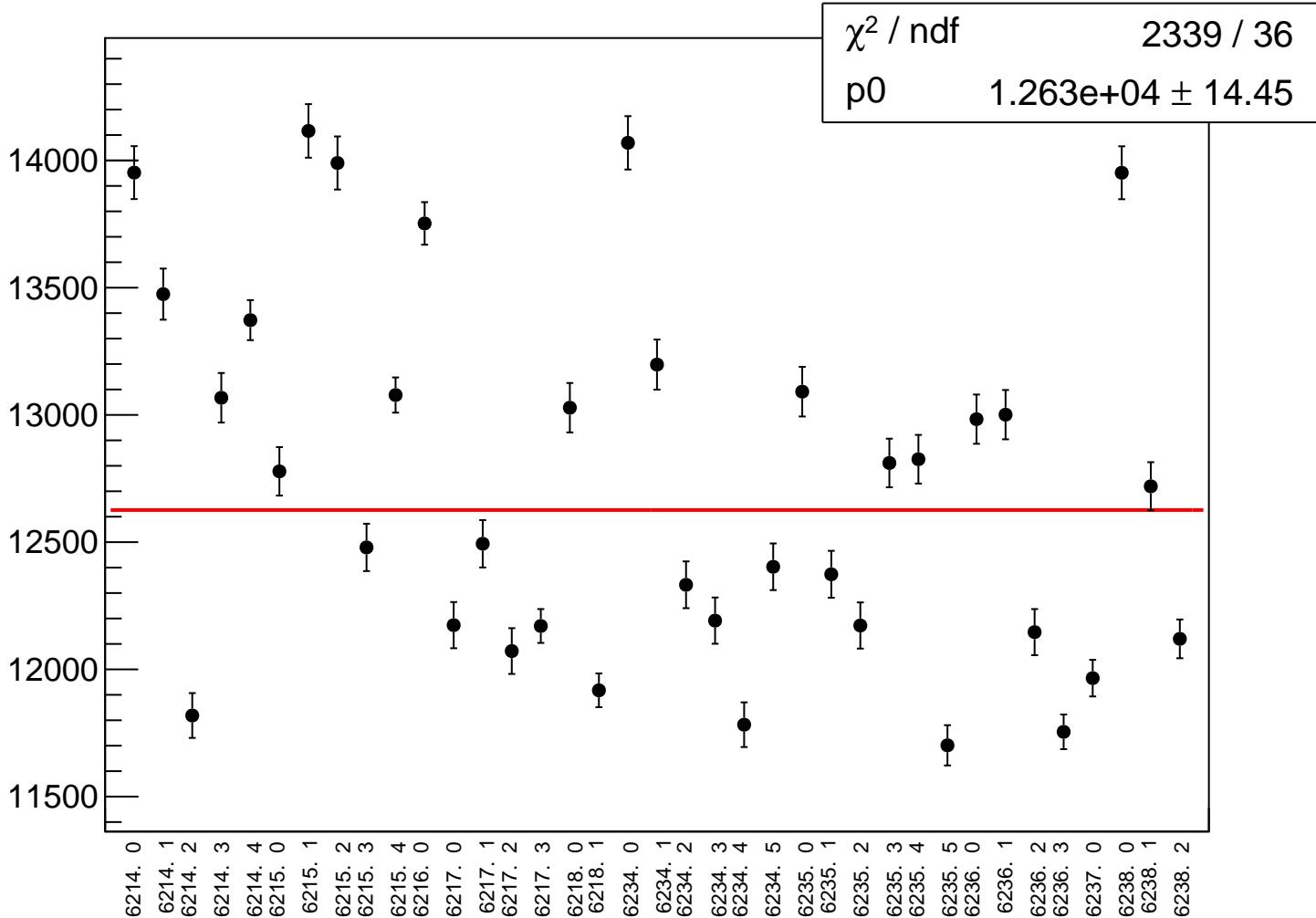
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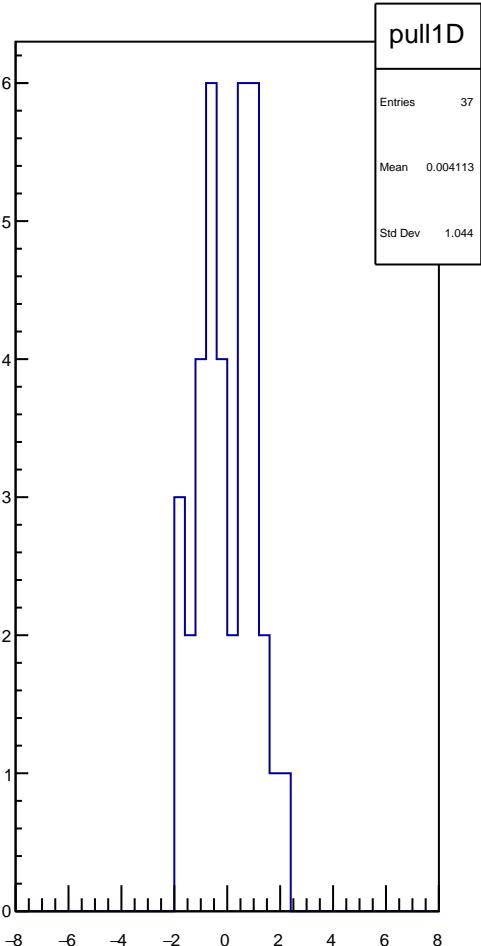
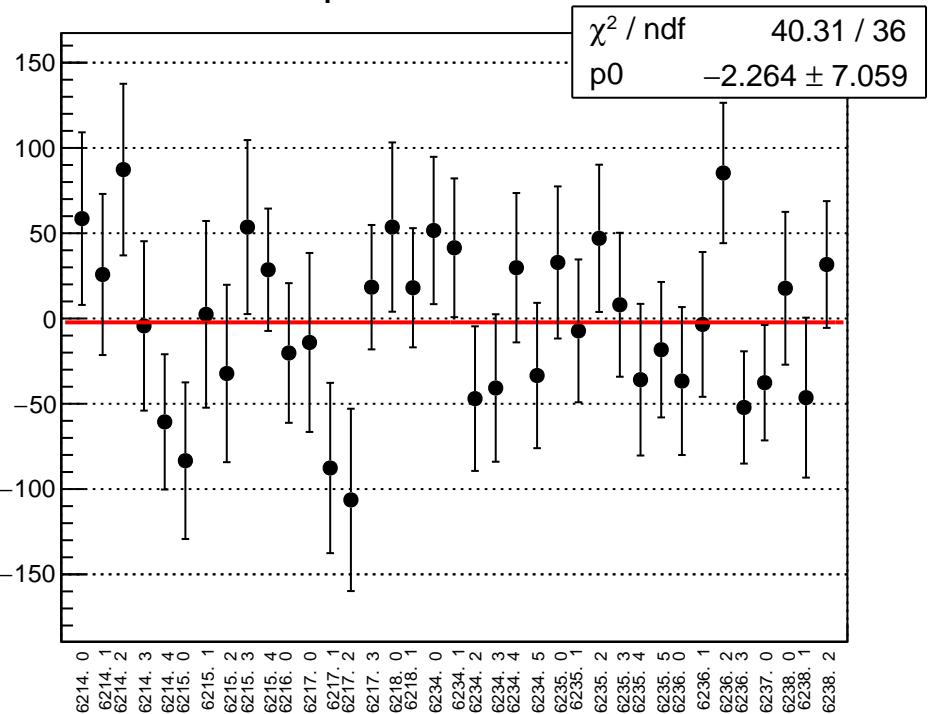
diff_bpm16X_mean vs run



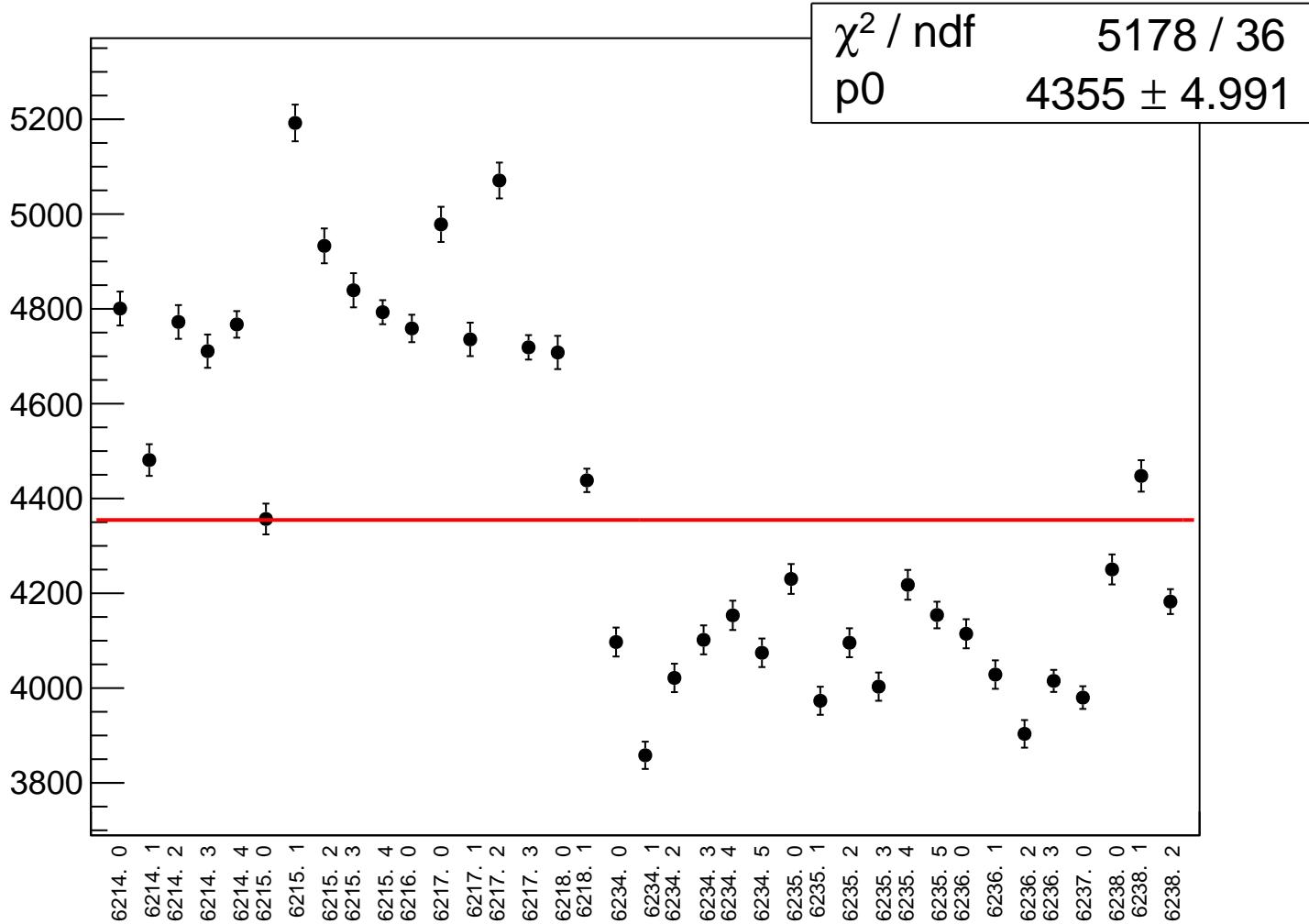
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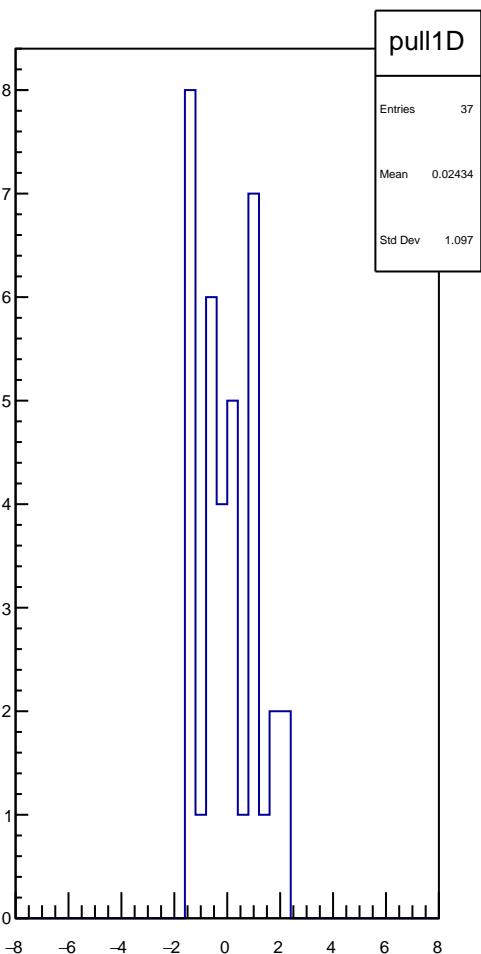
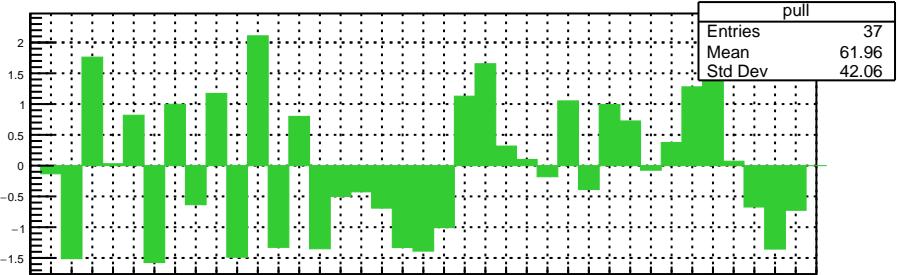
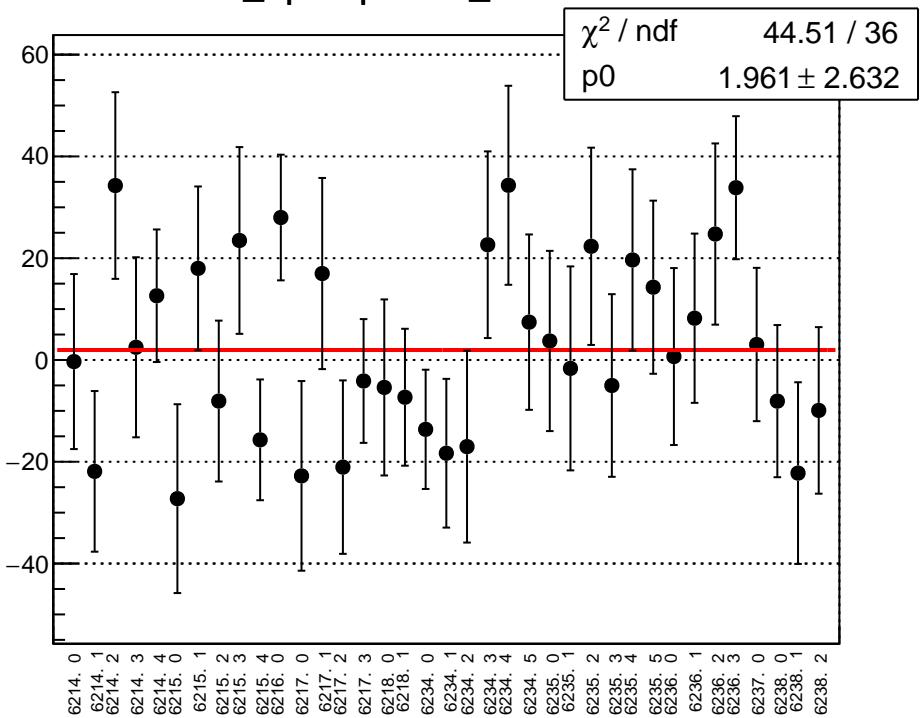
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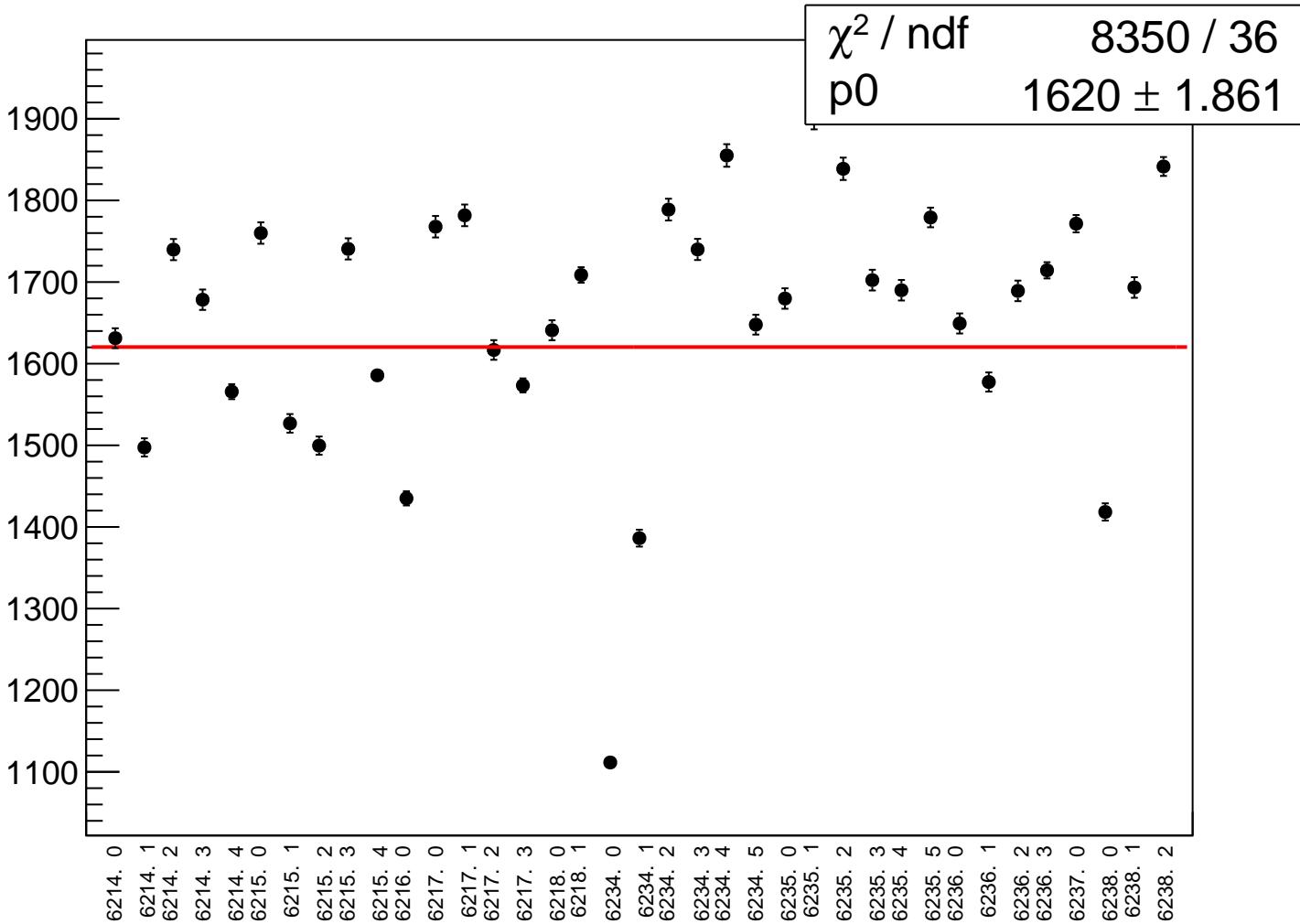
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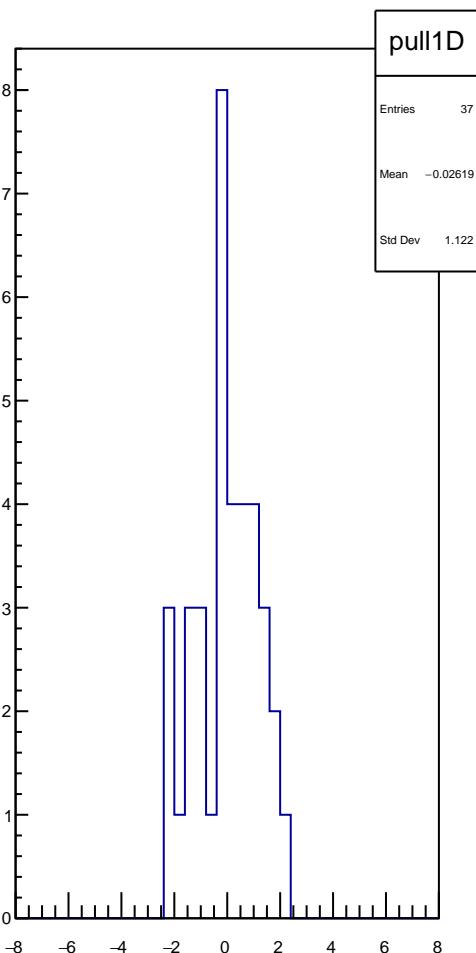
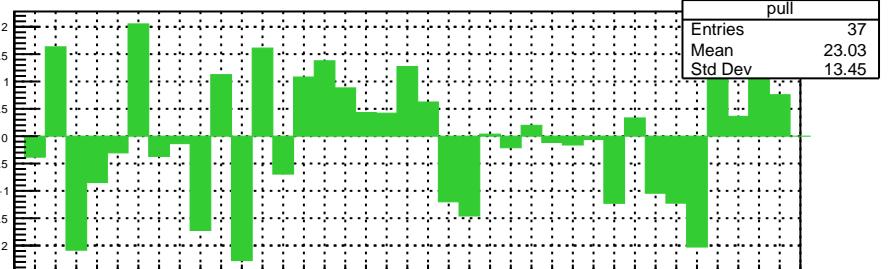
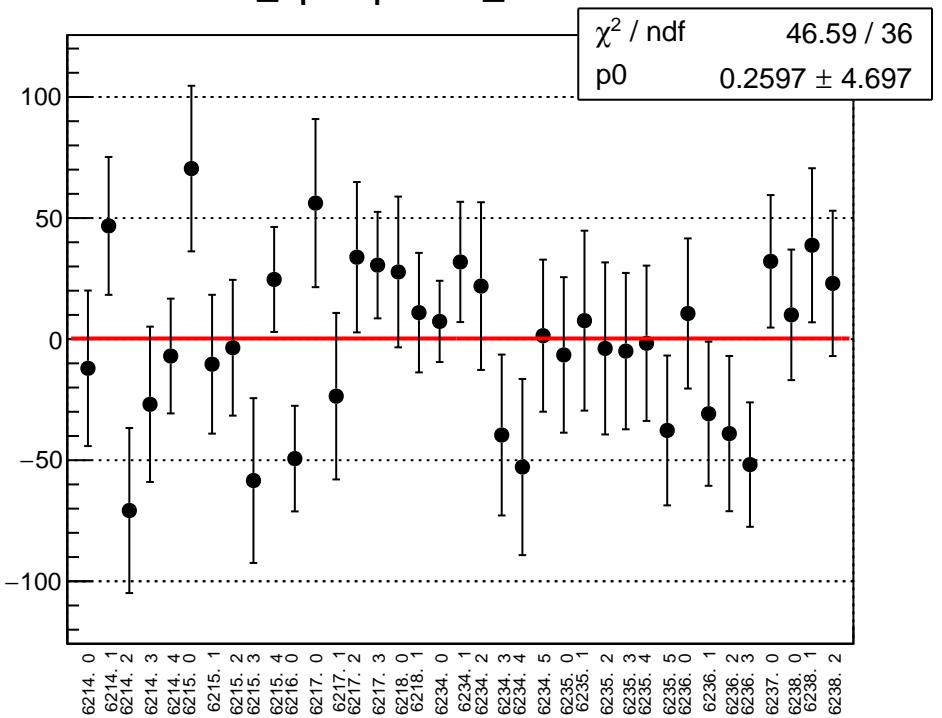
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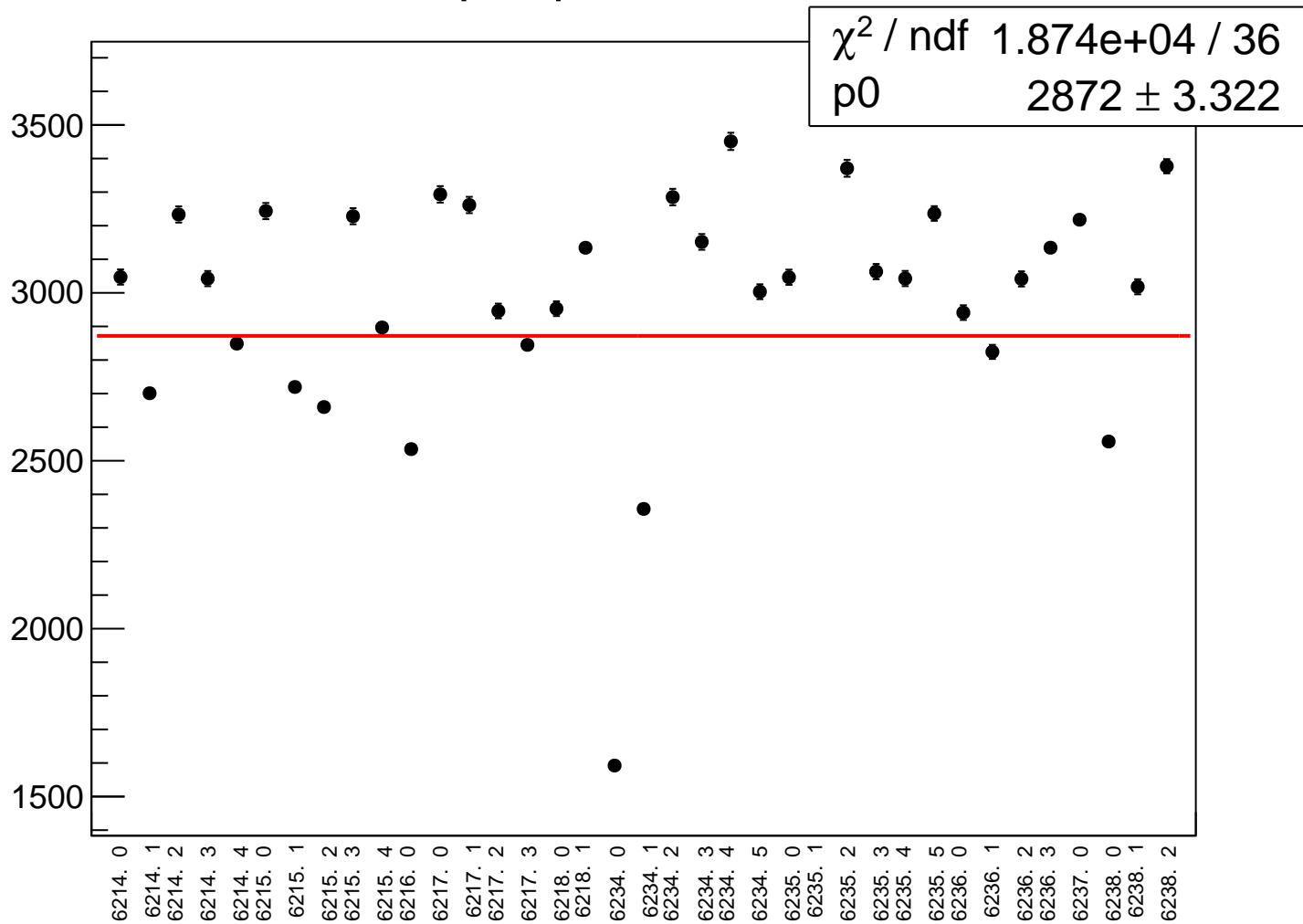
diff_bpm1p02bX_rms vs run



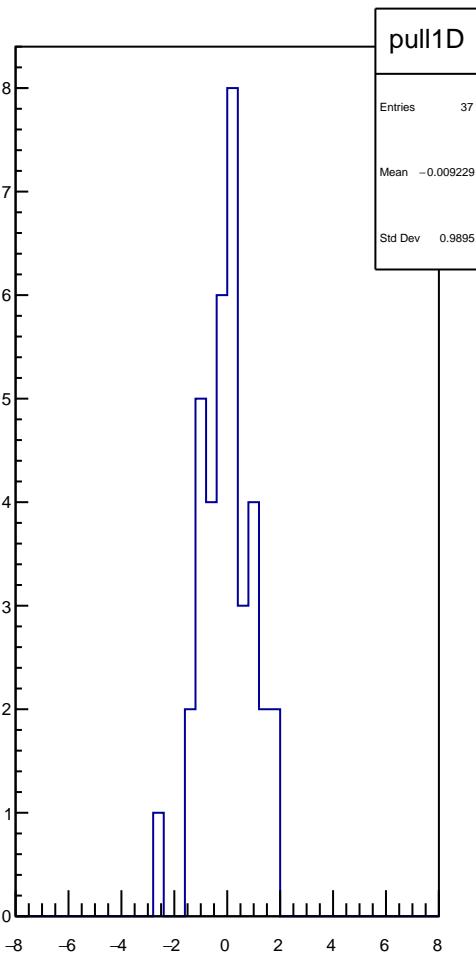
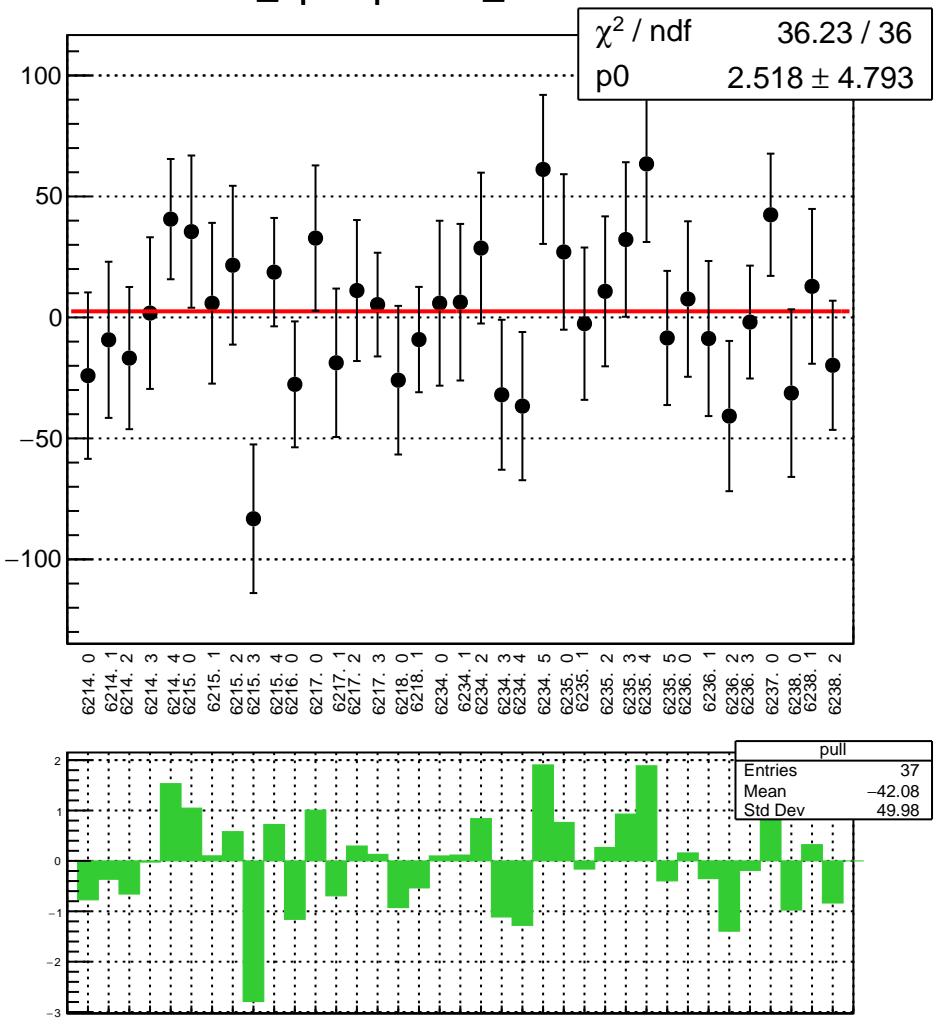
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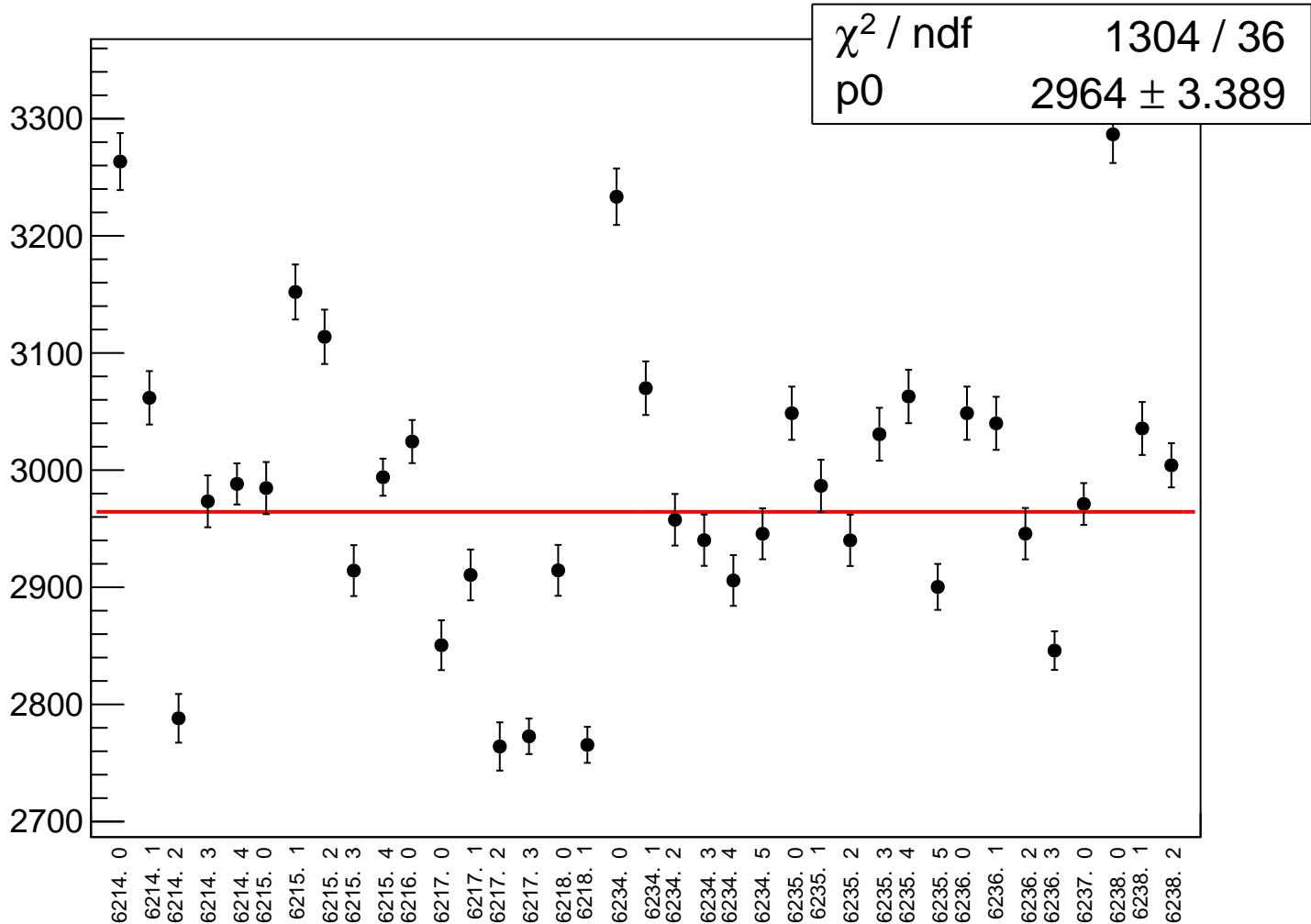
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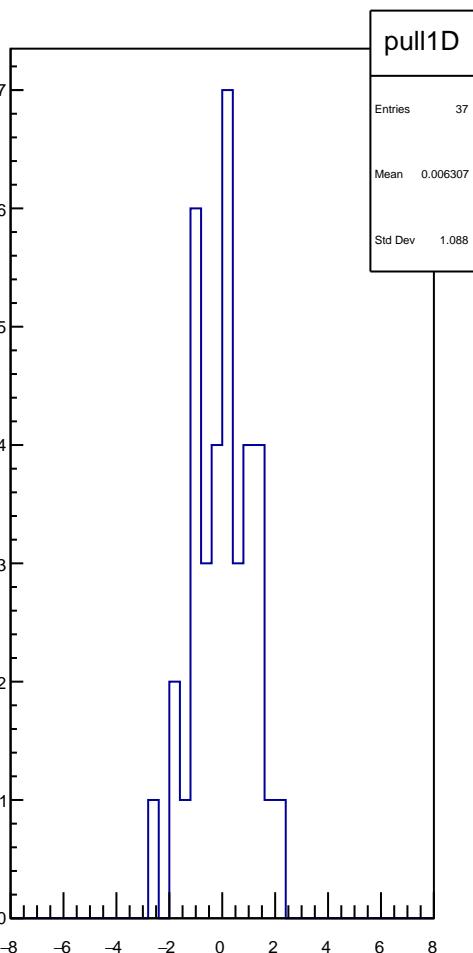
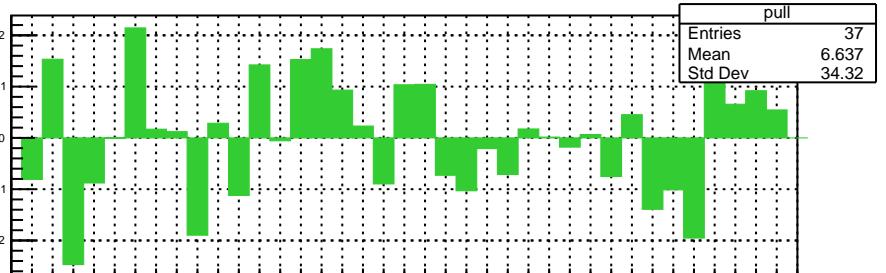
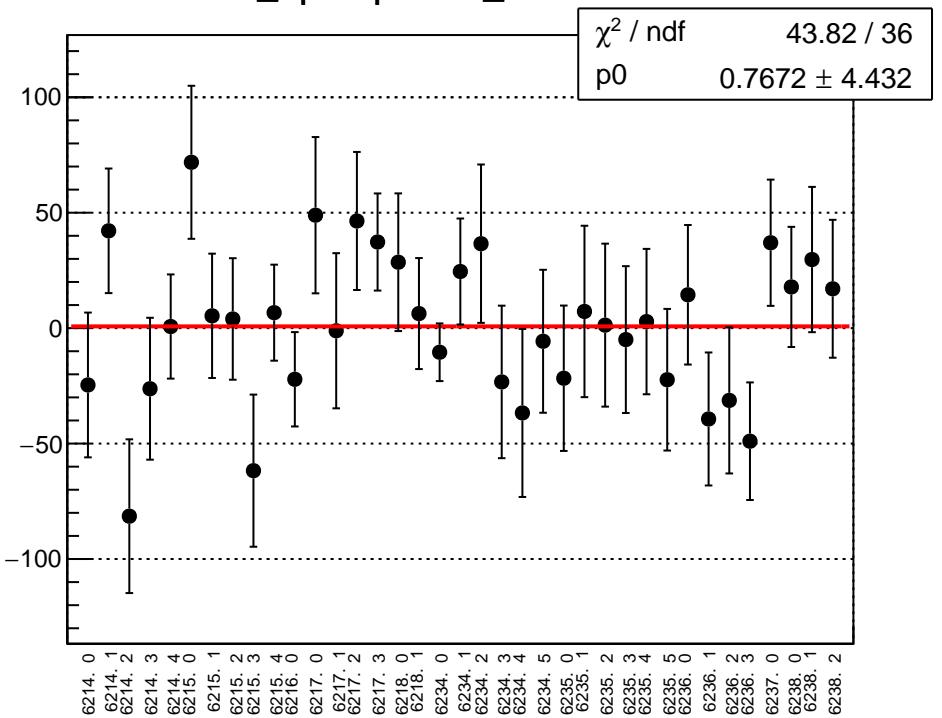
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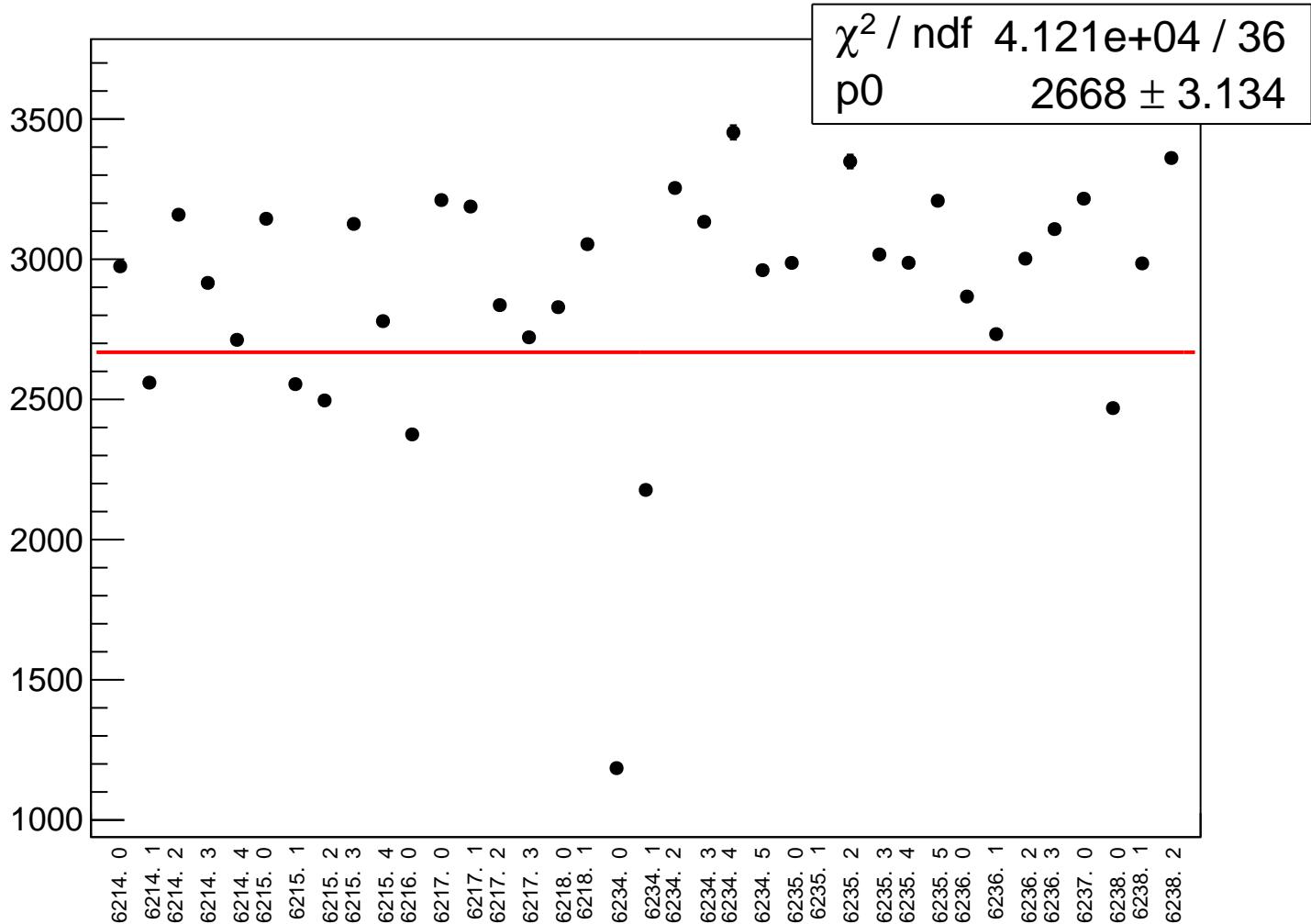
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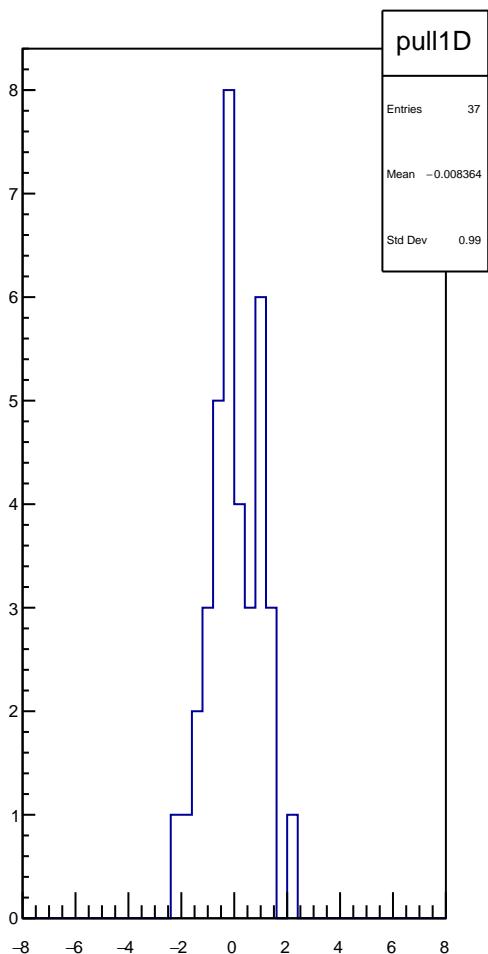
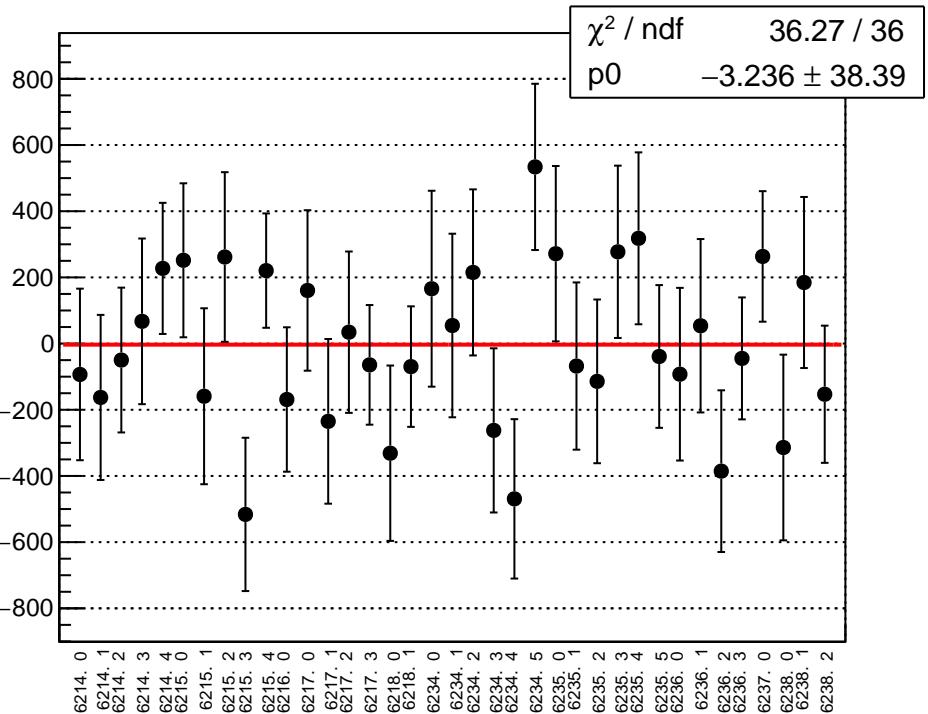
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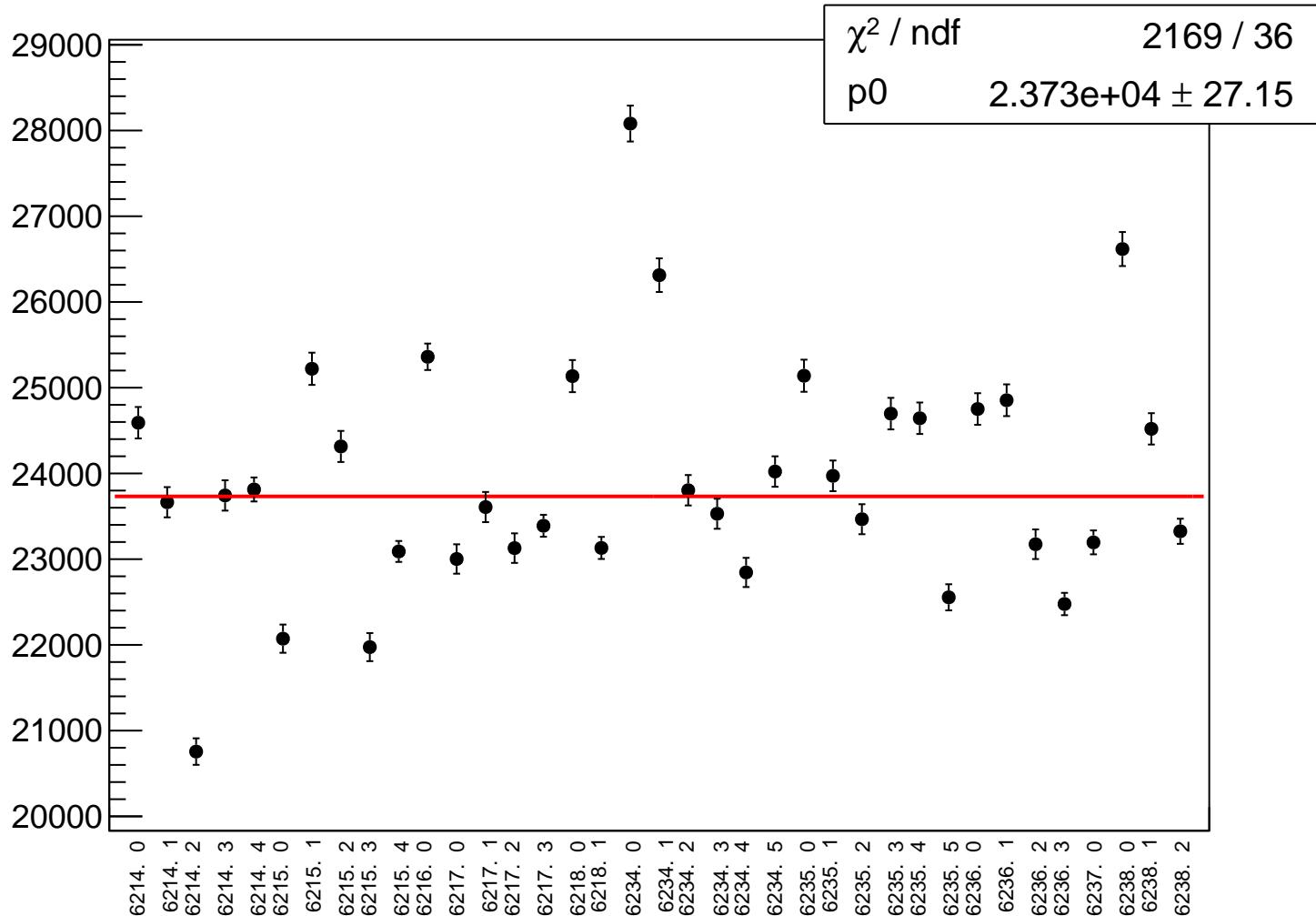
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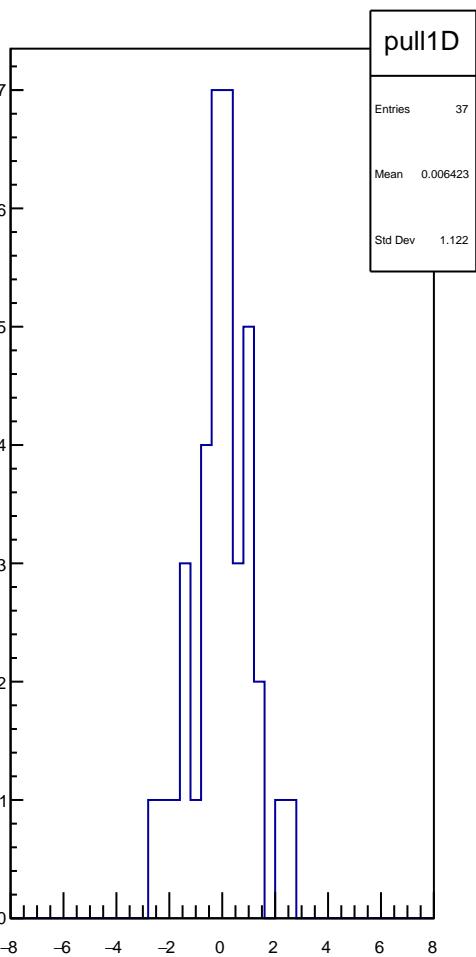
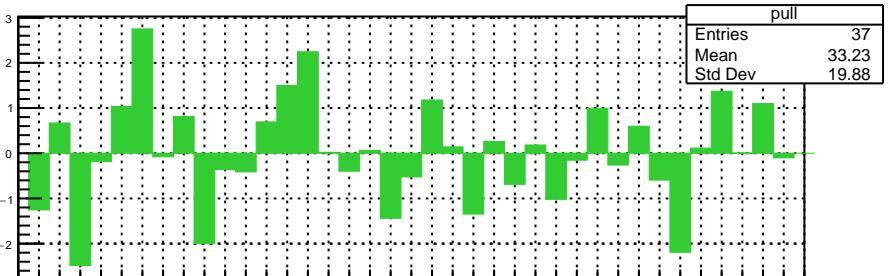
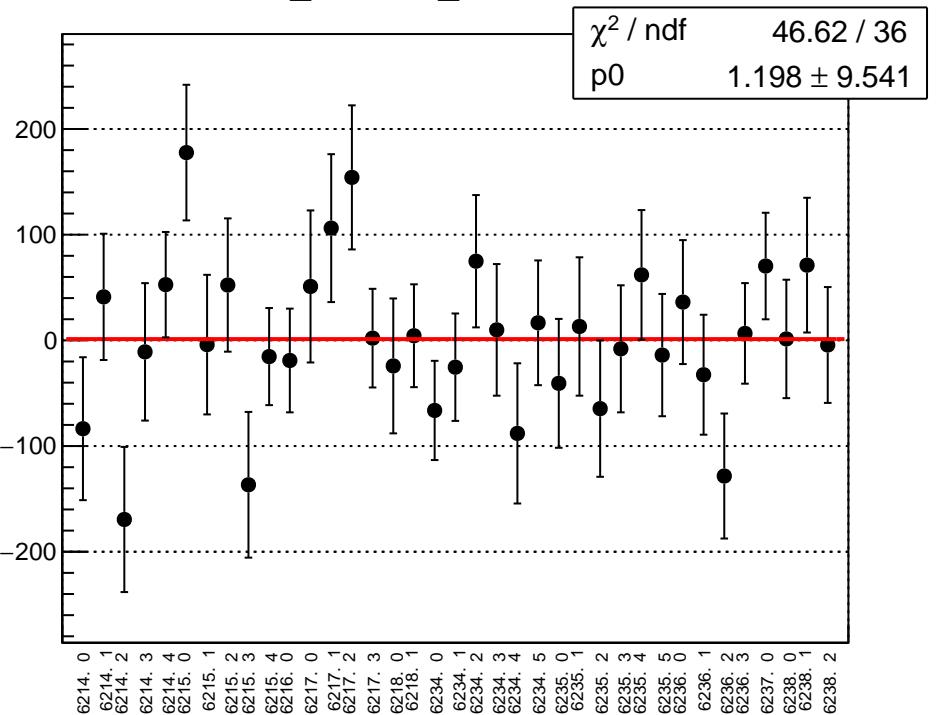
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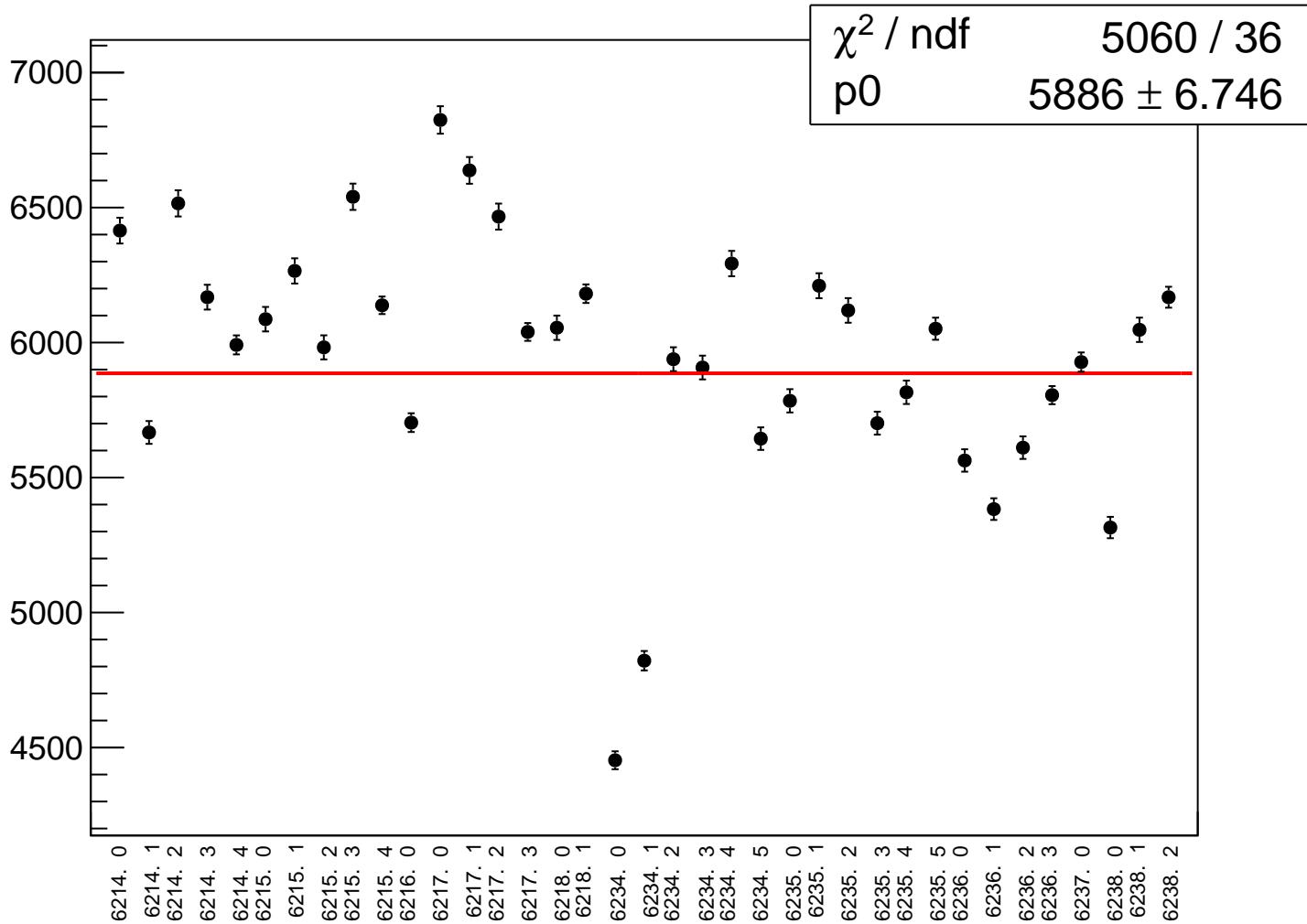
diff_cav4bX_rms vs run



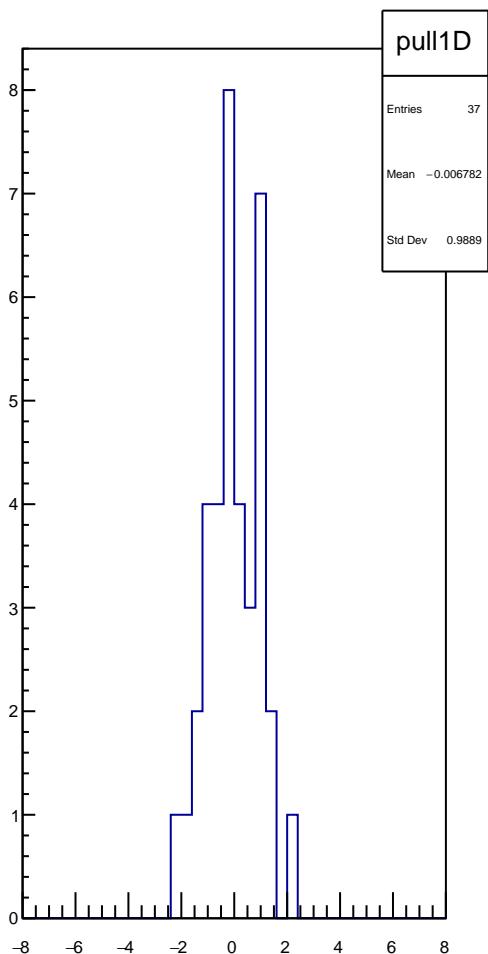
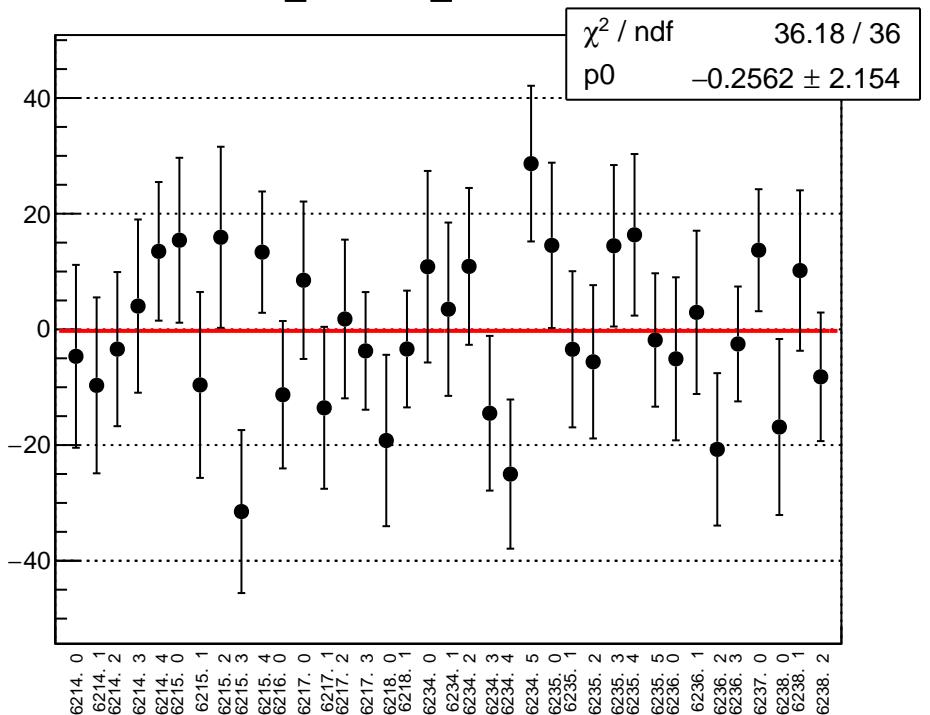
diff_cav4bY_mean vs run



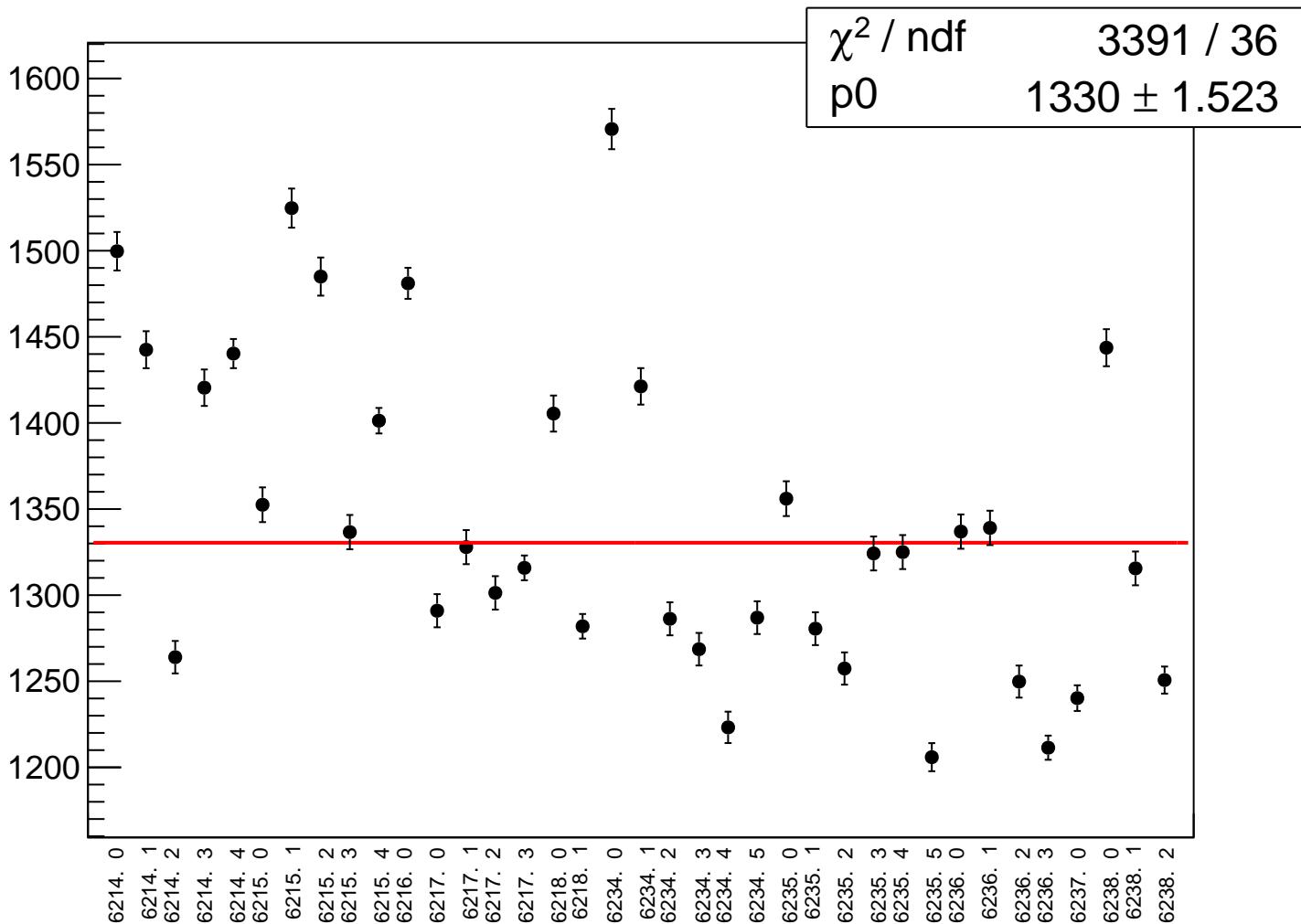
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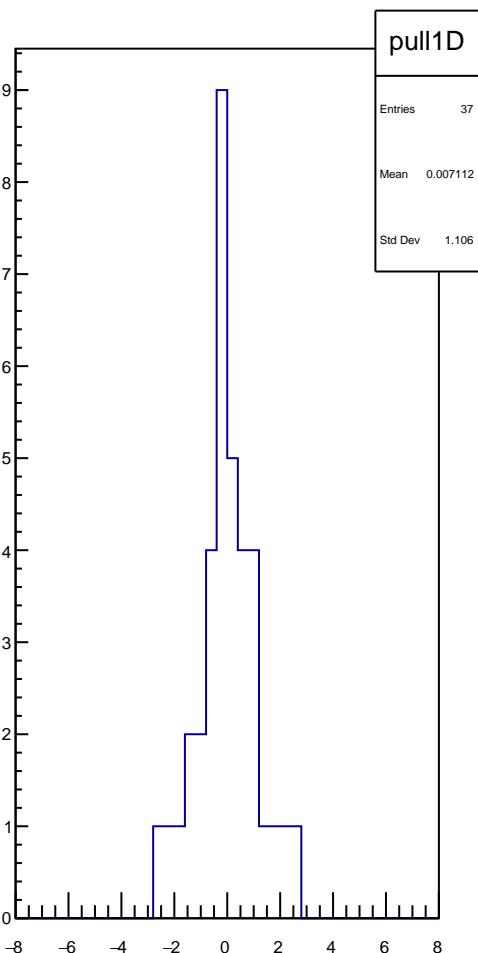
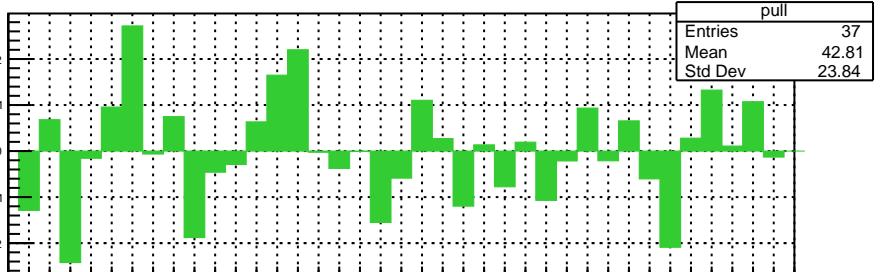
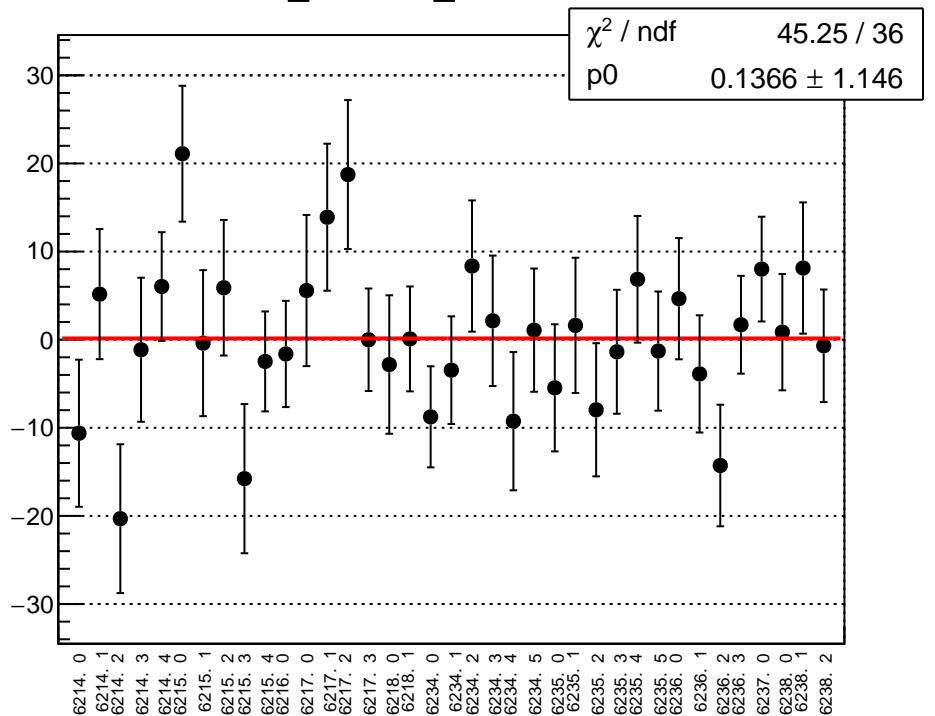
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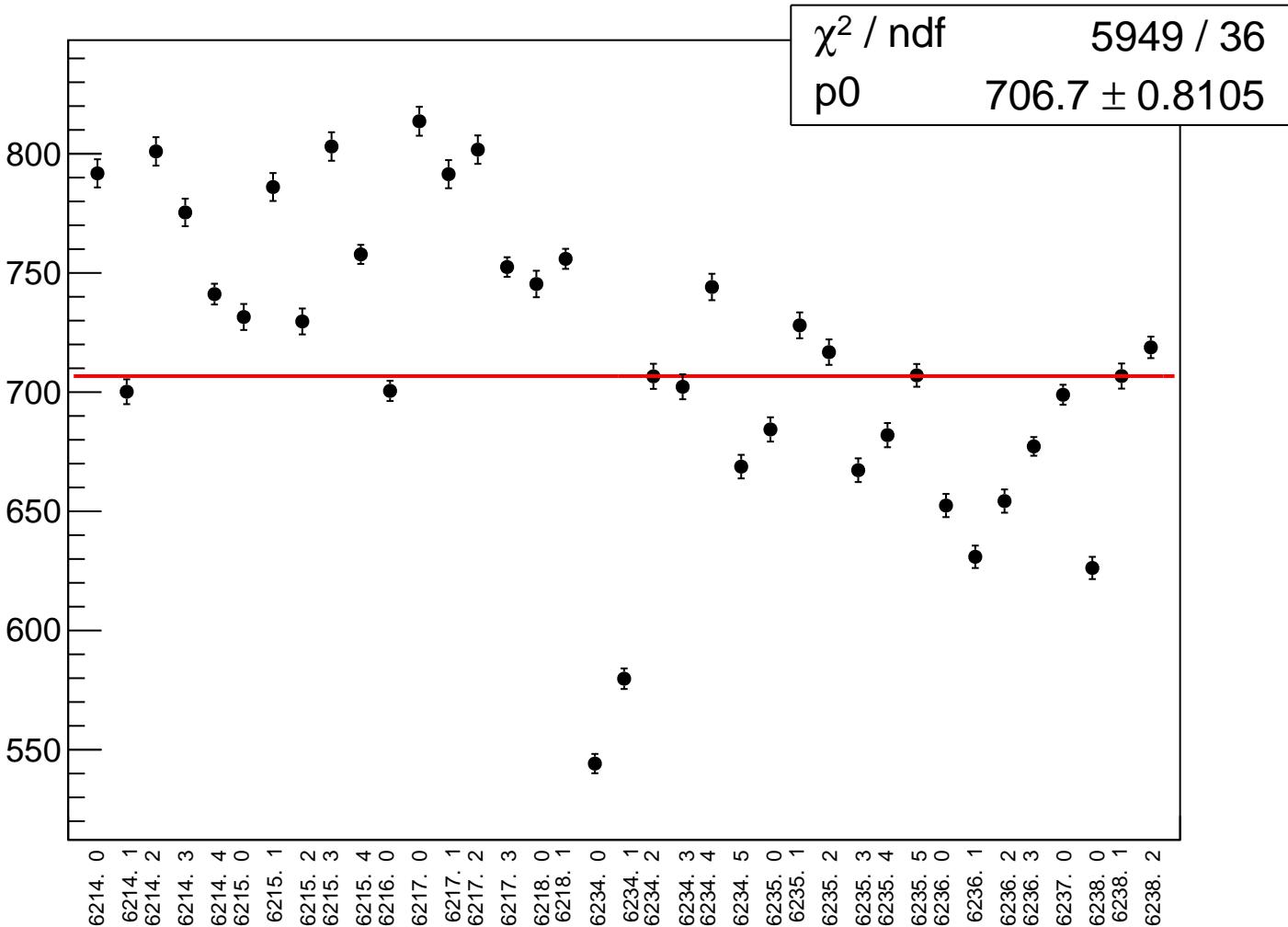
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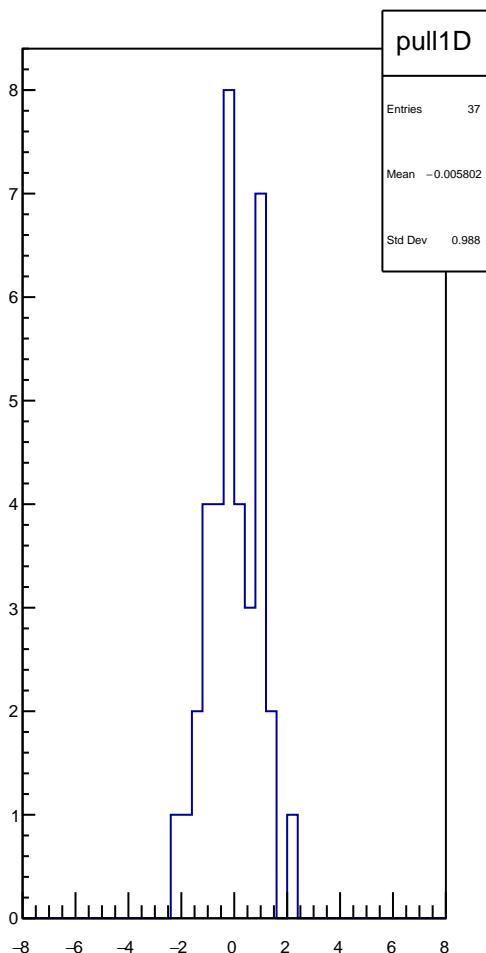
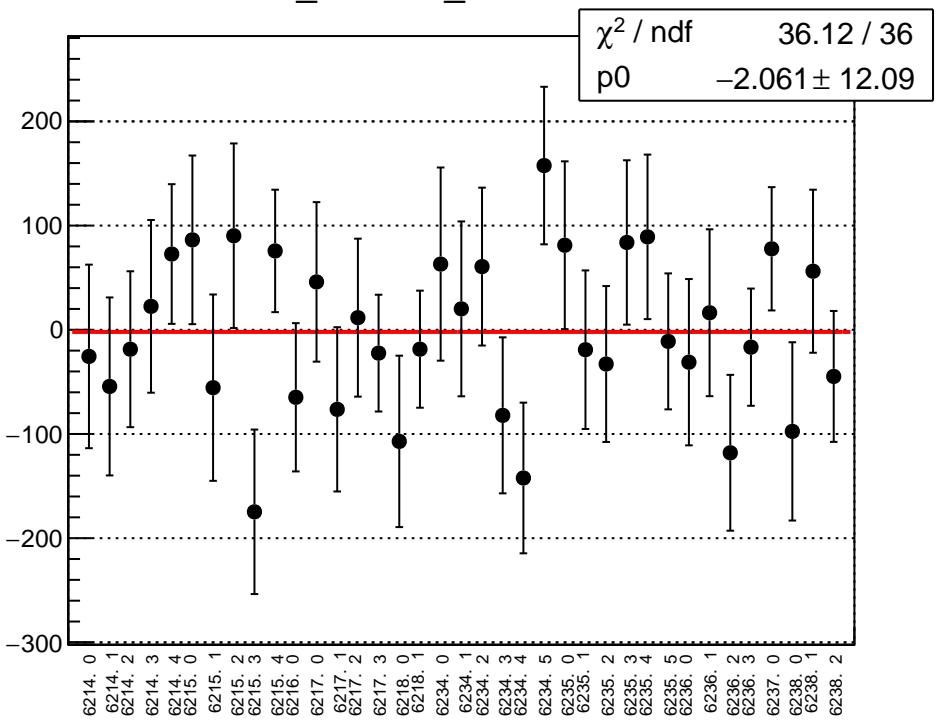
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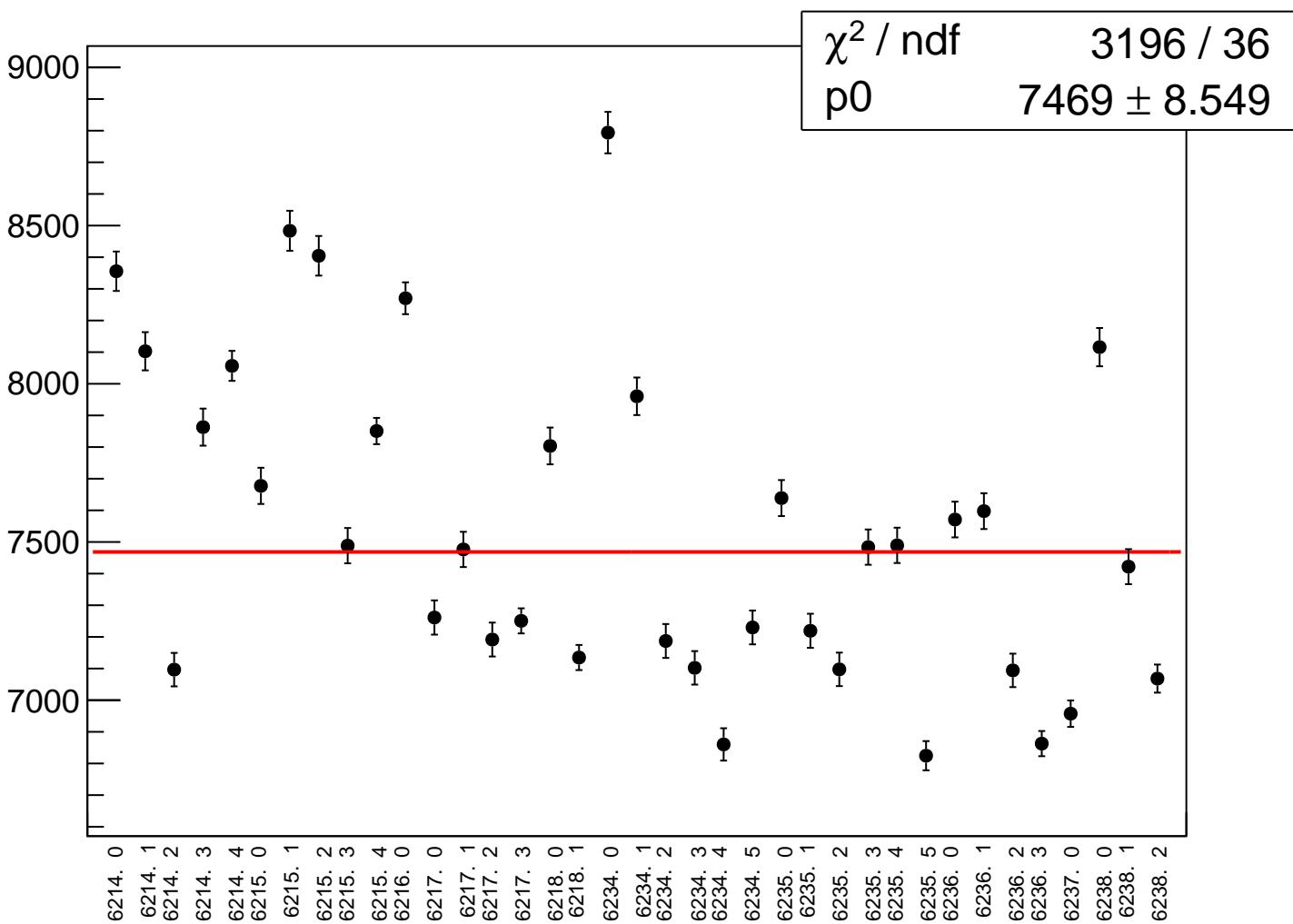
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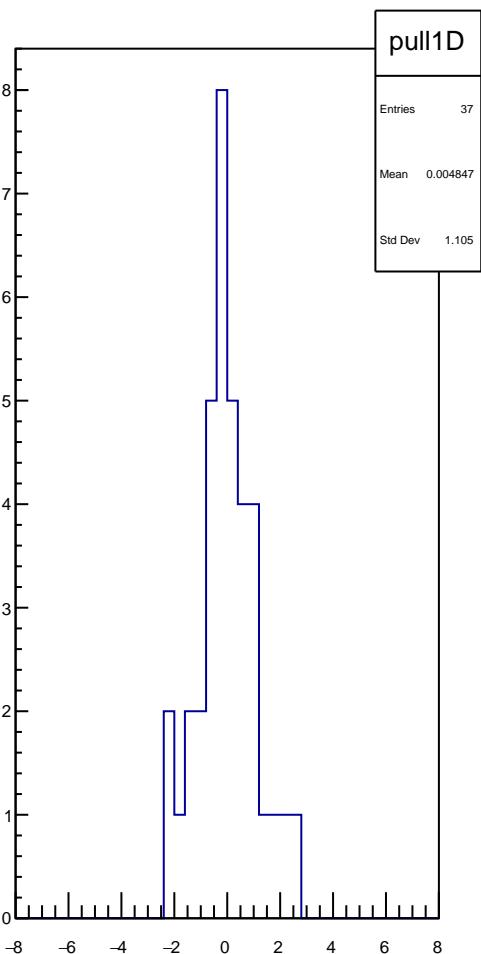
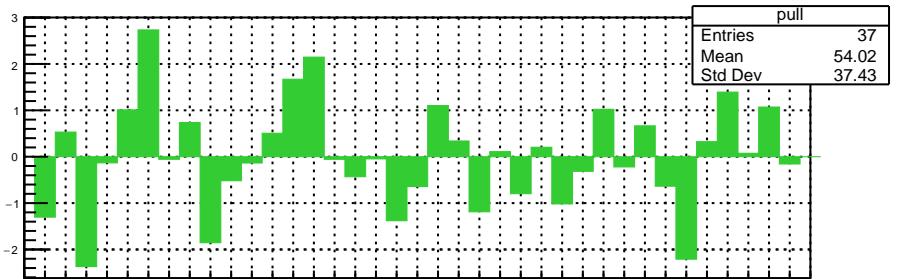
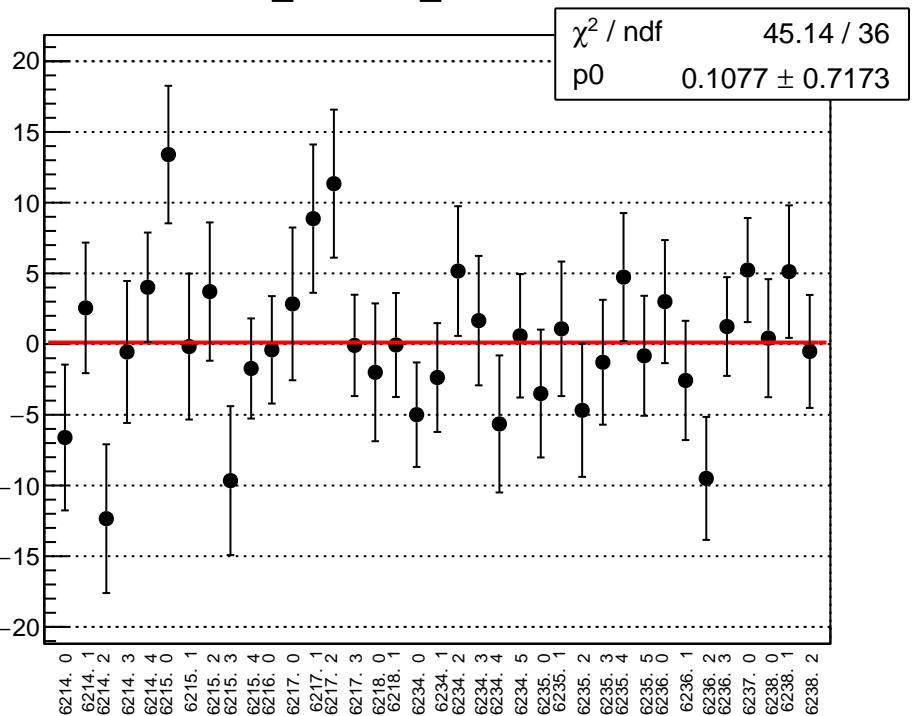
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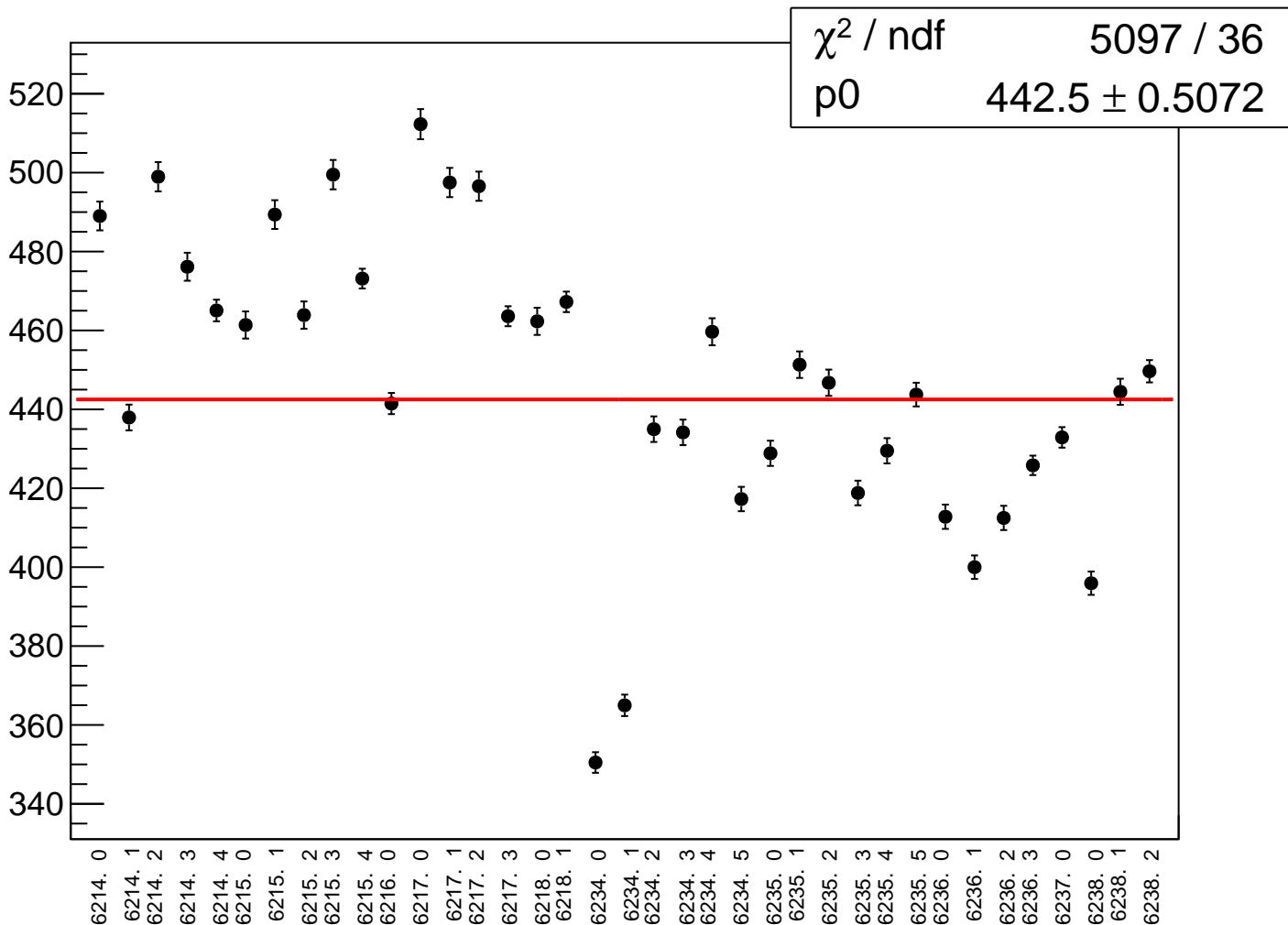
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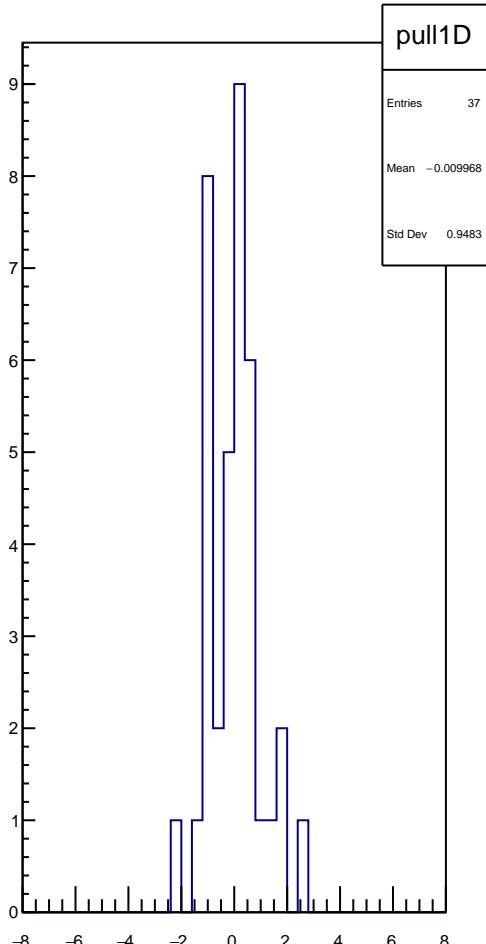
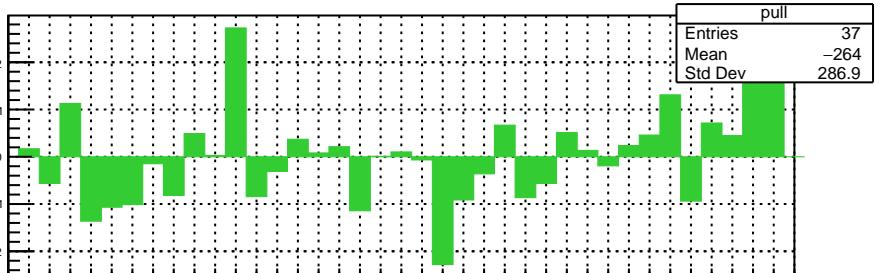
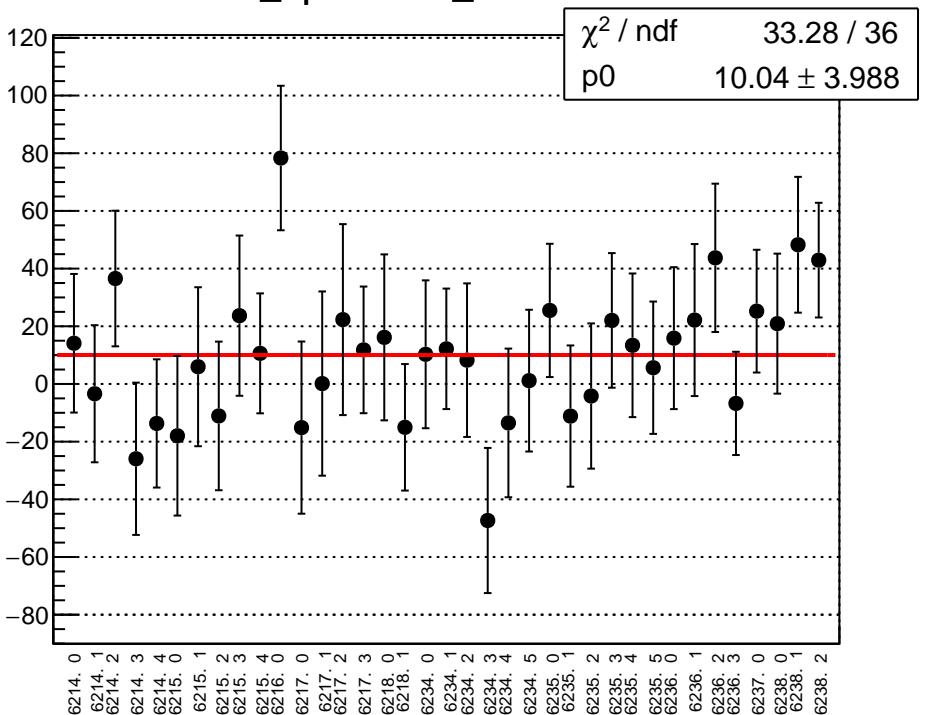
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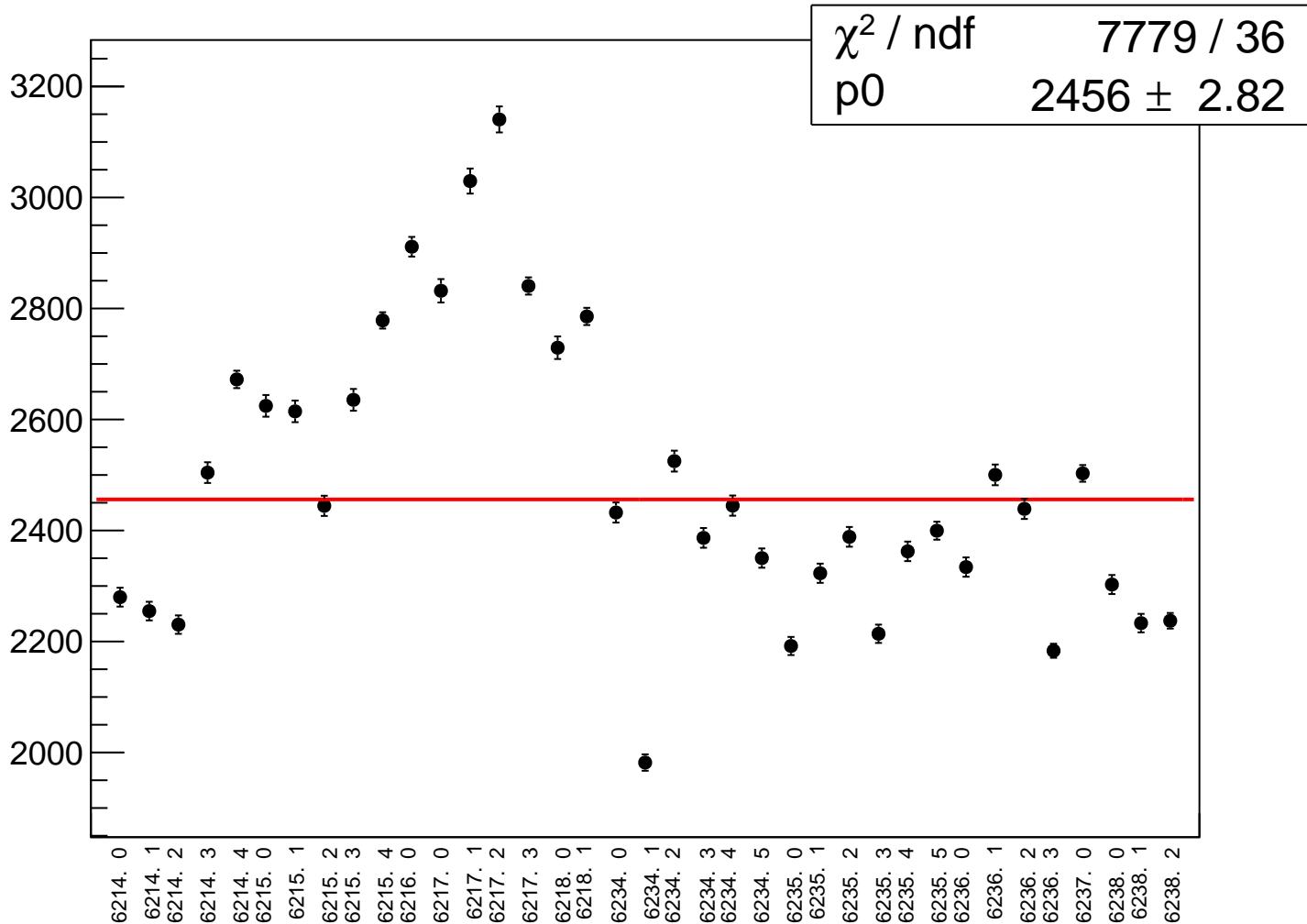
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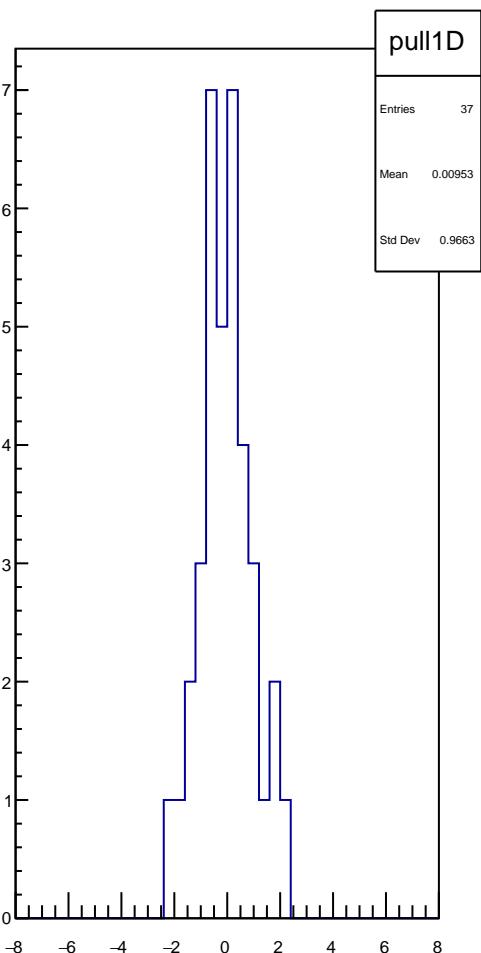
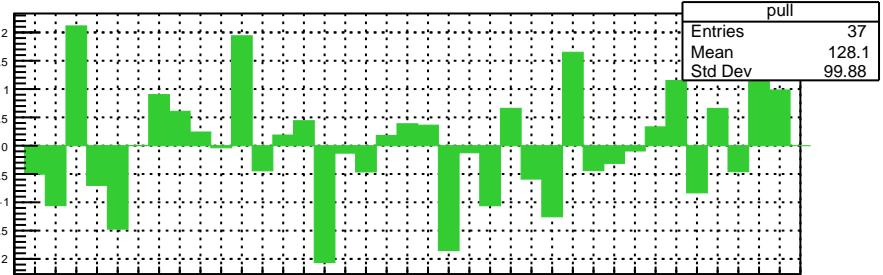
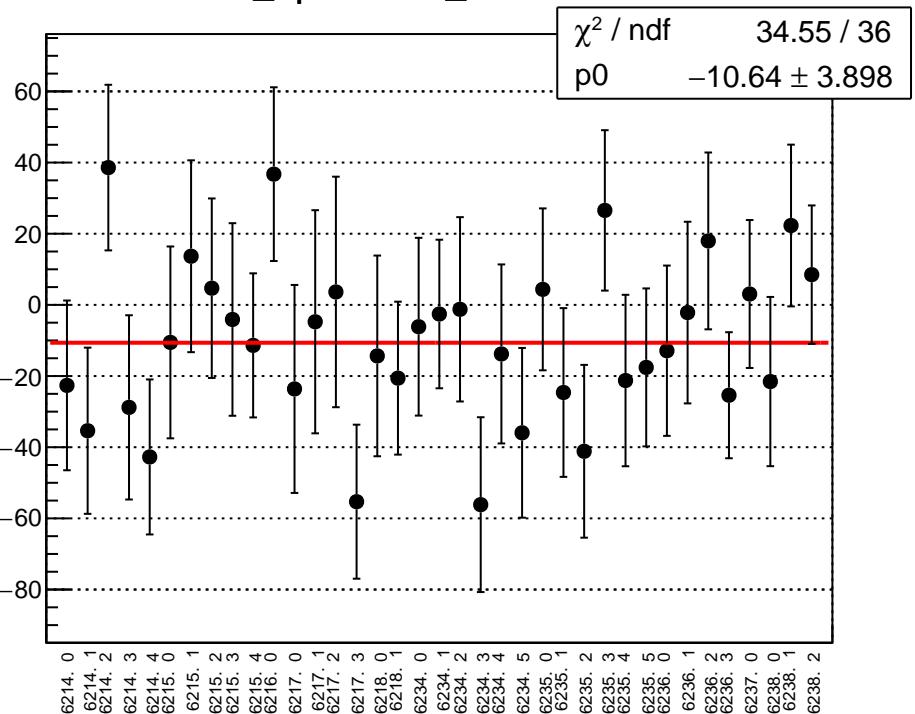
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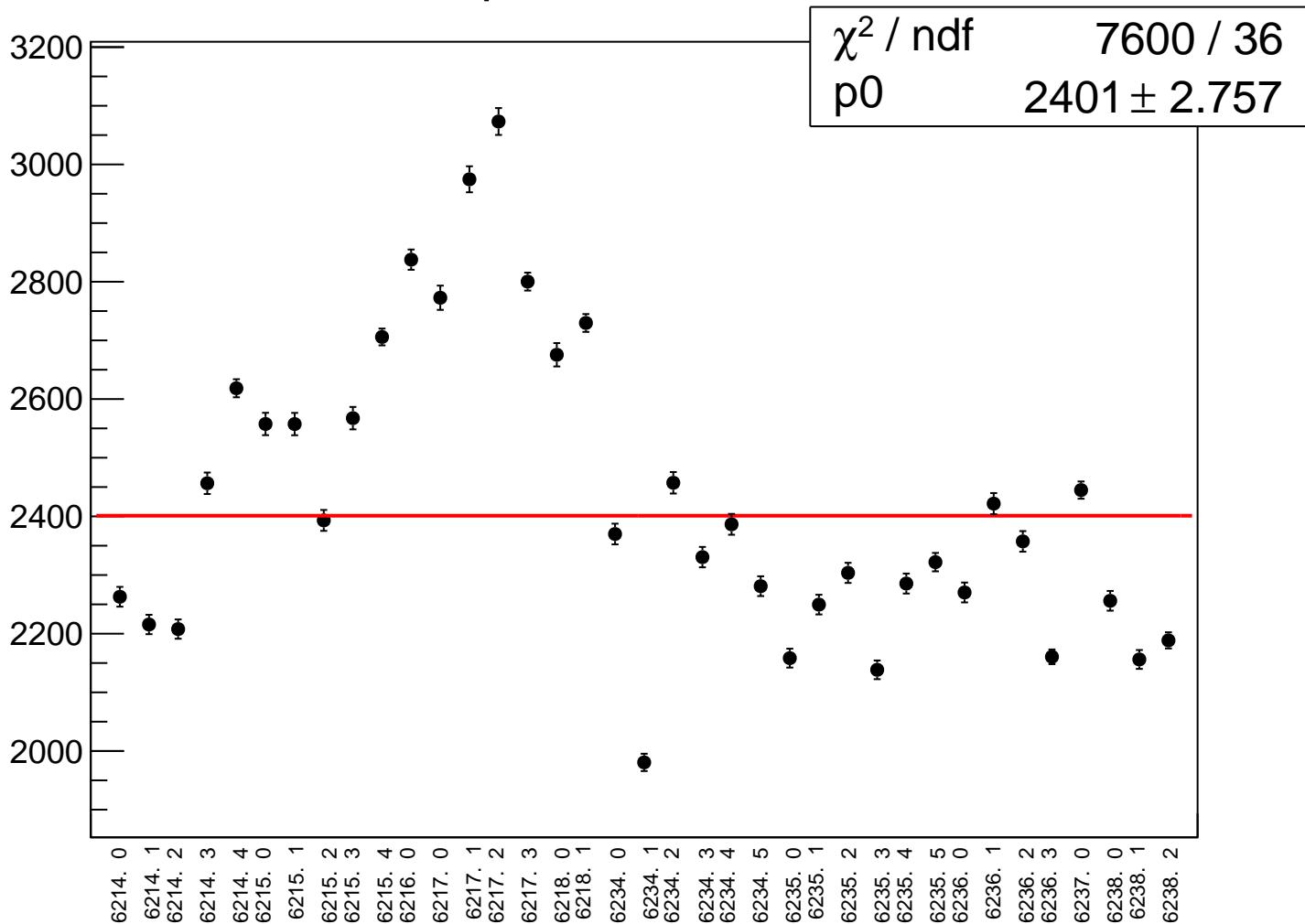
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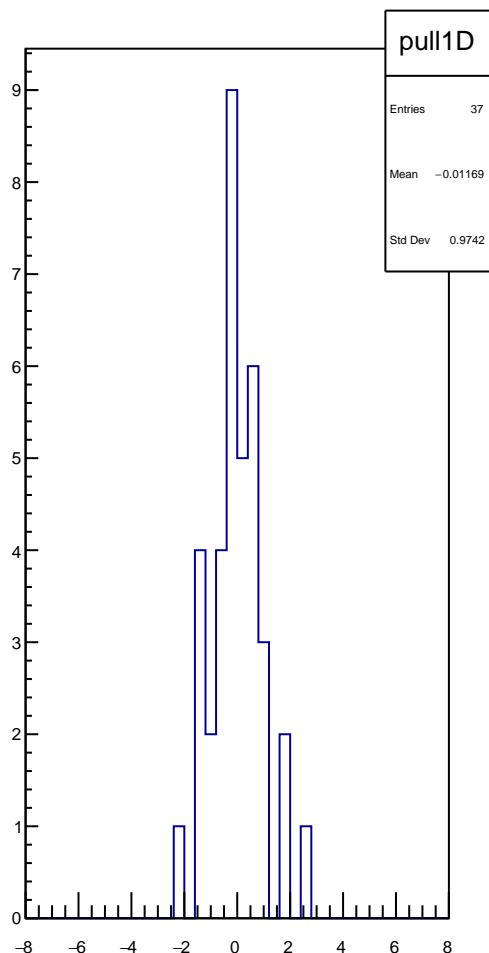
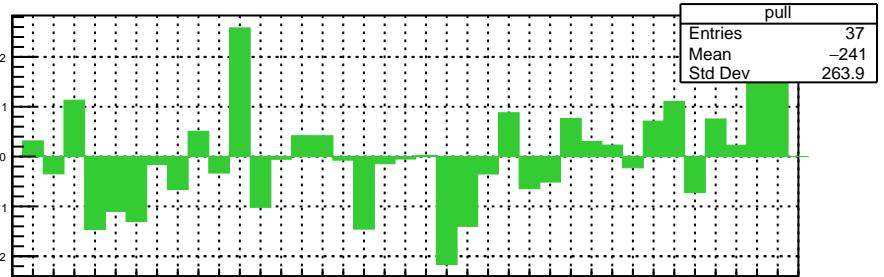
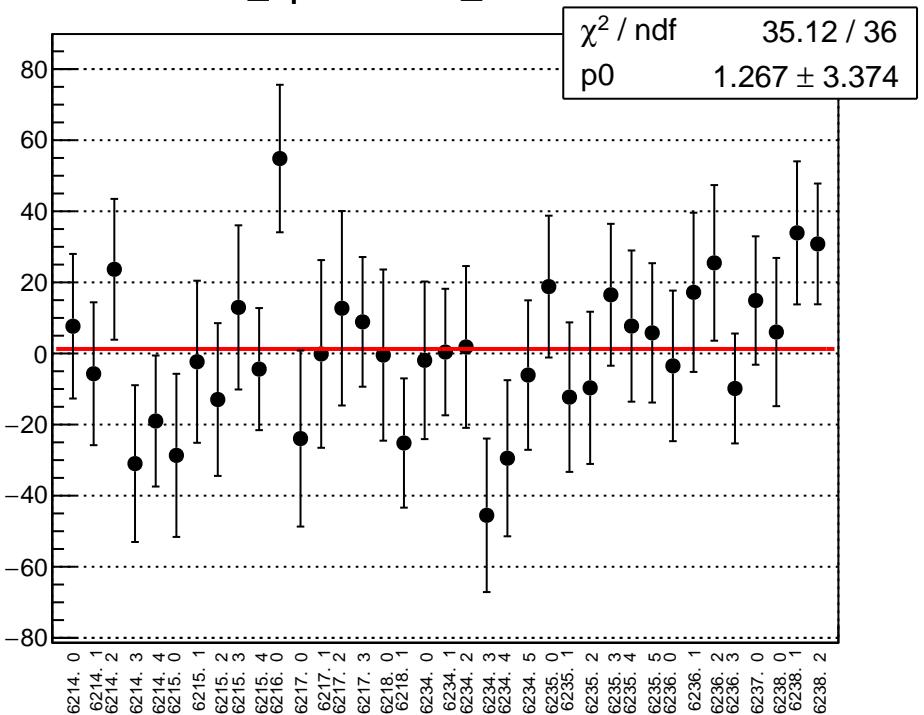
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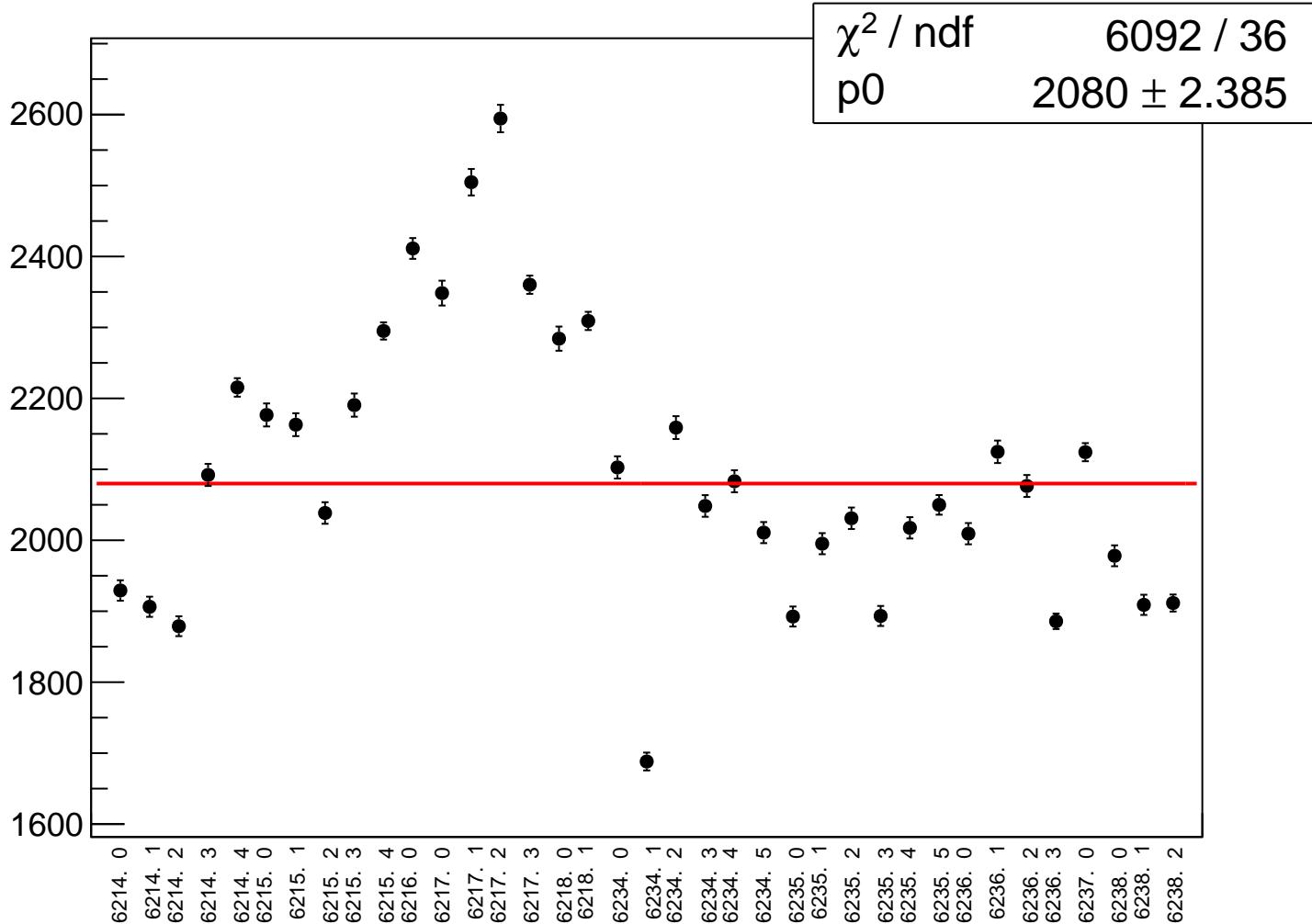
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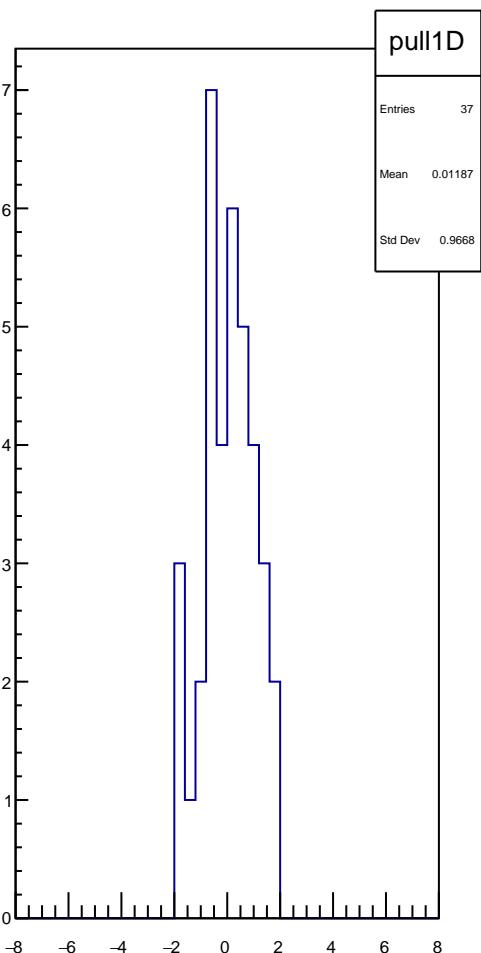
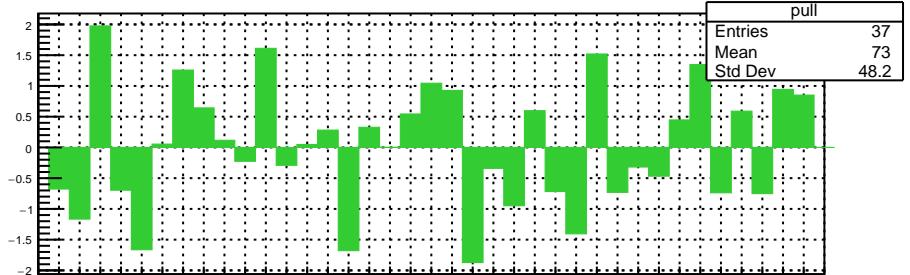
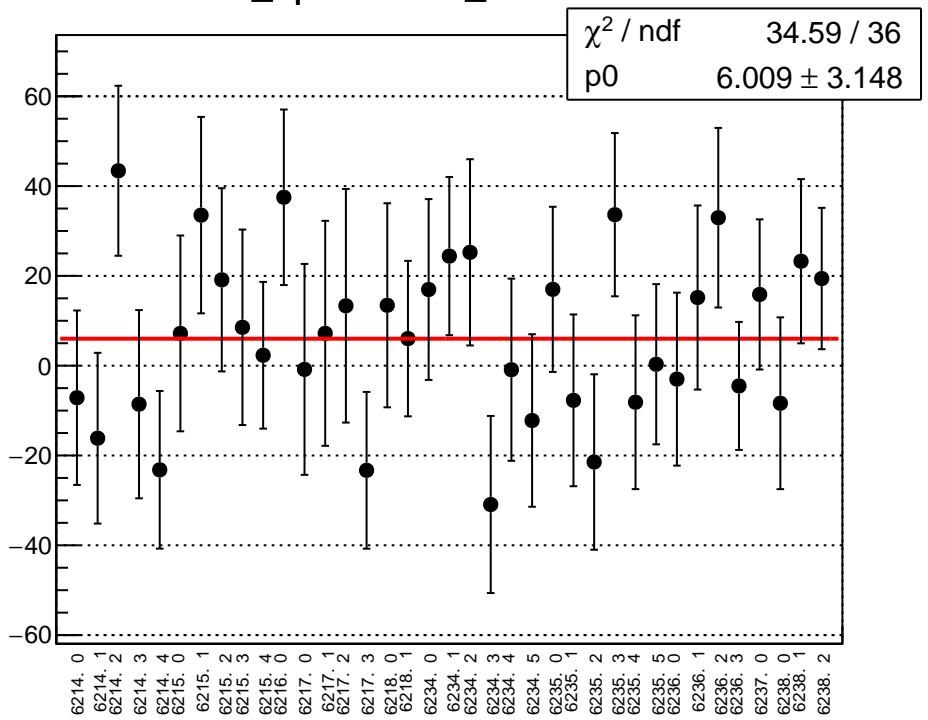
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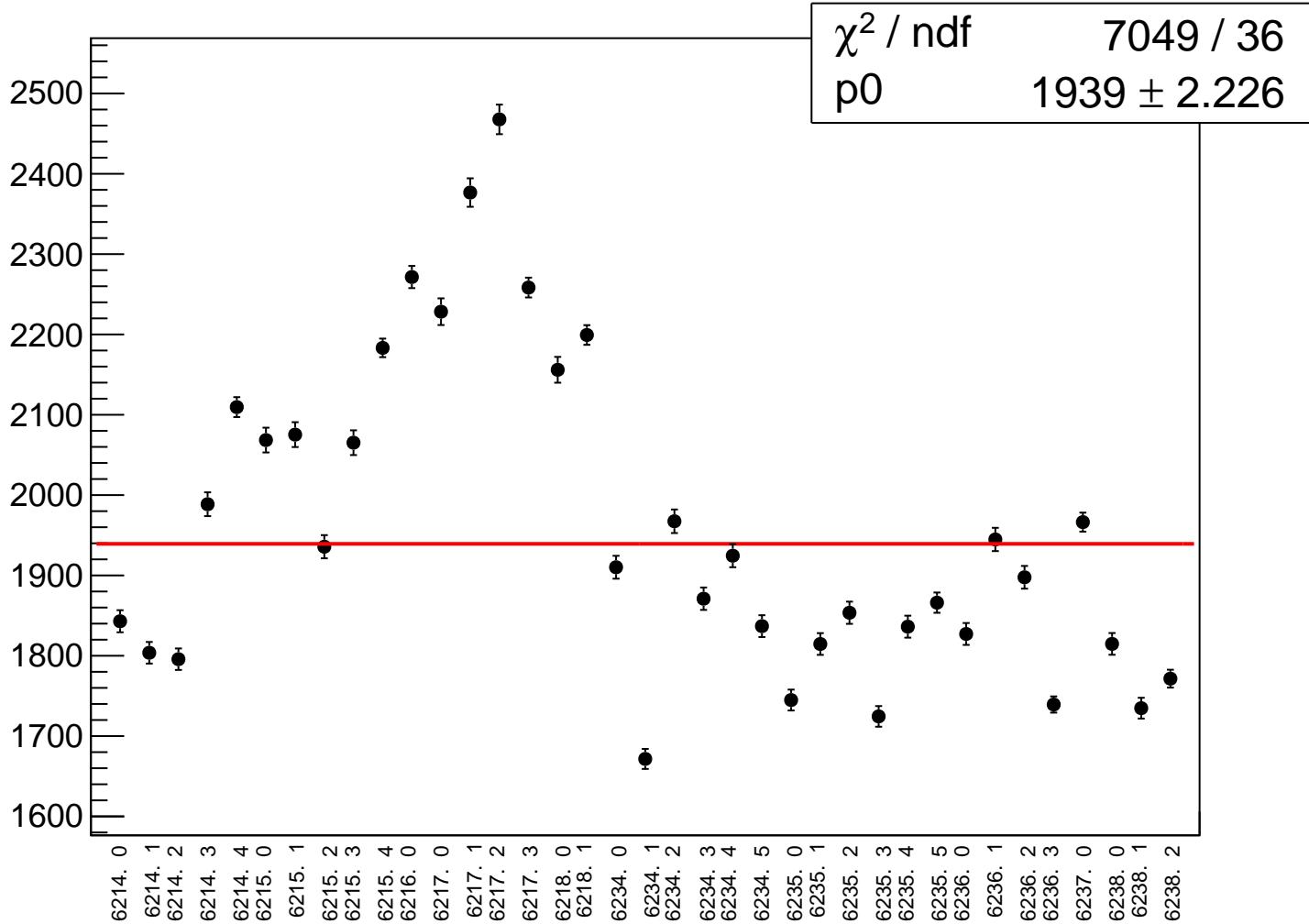
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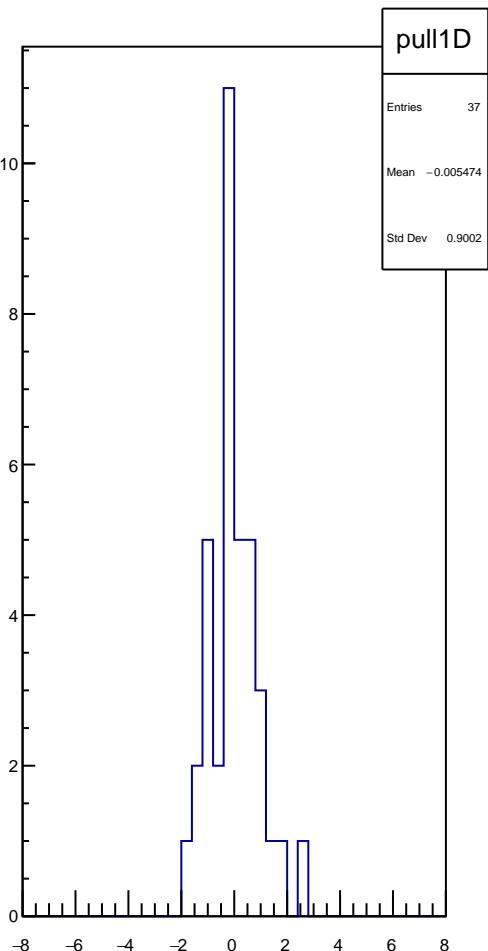
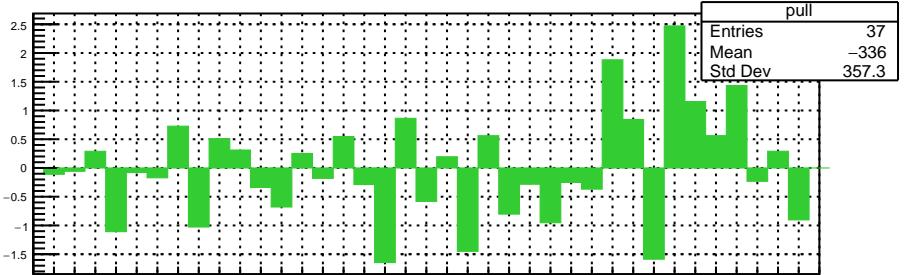
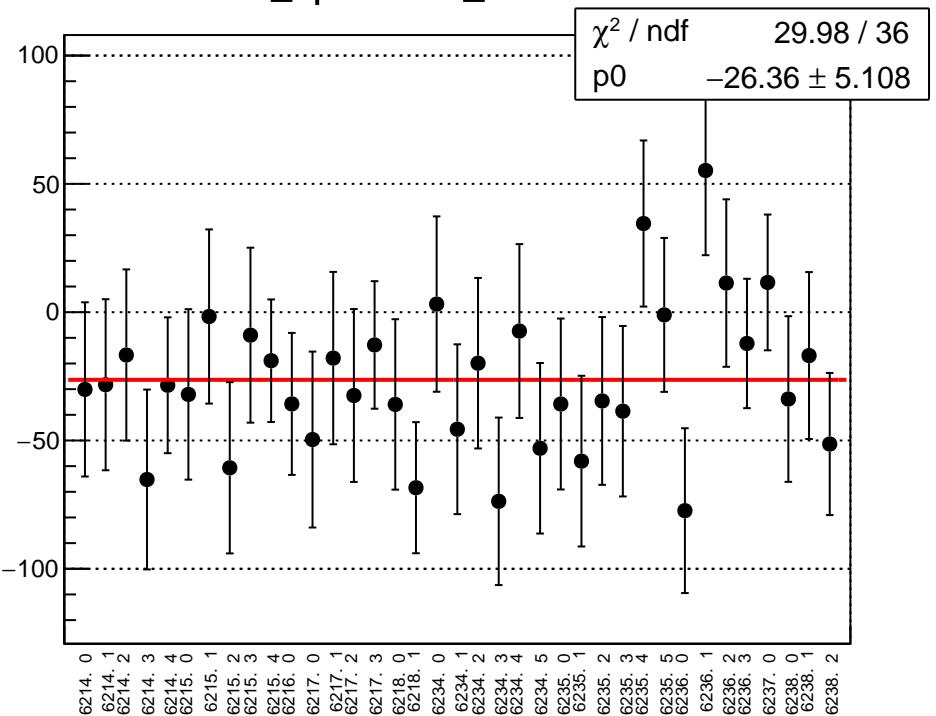
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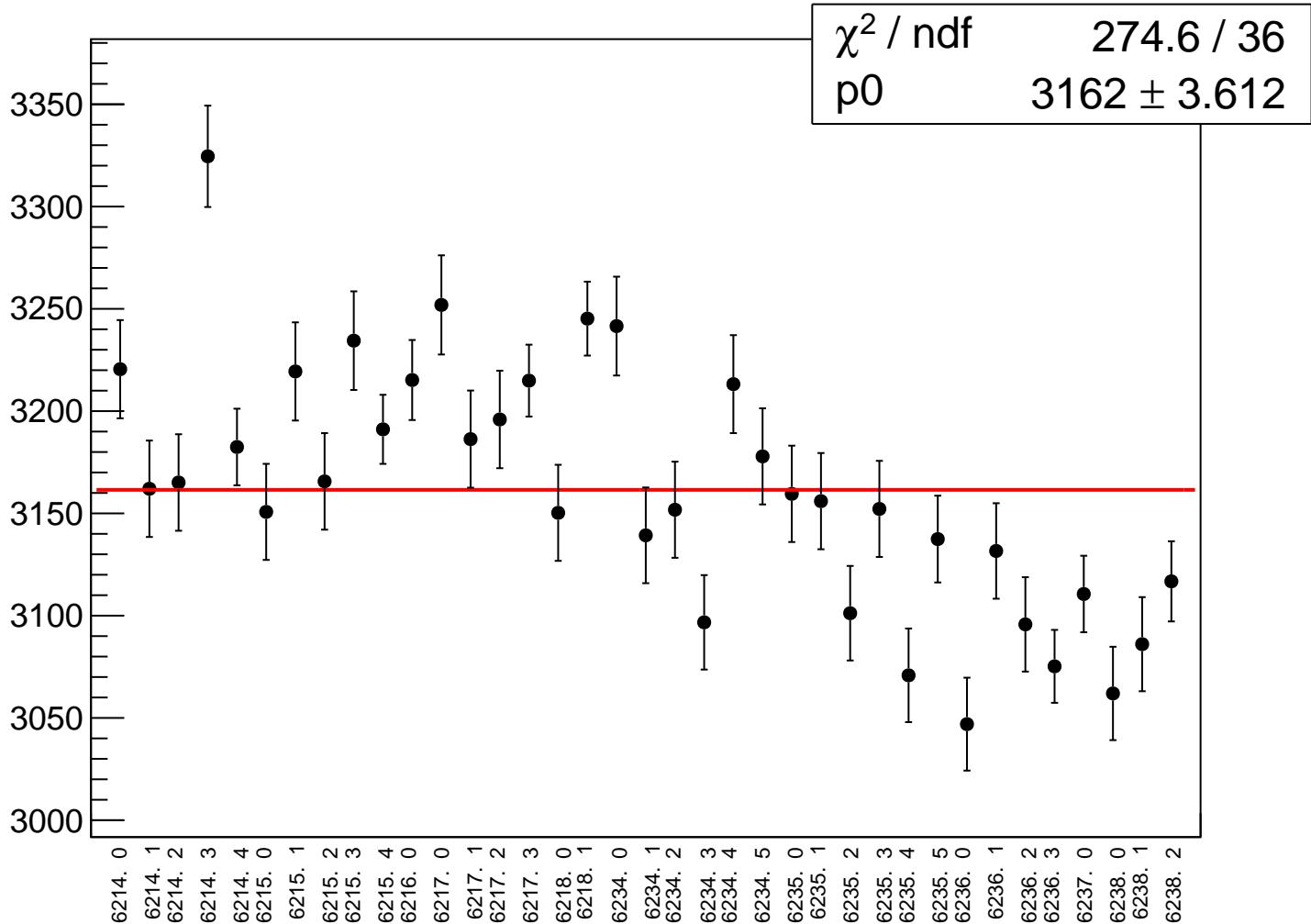
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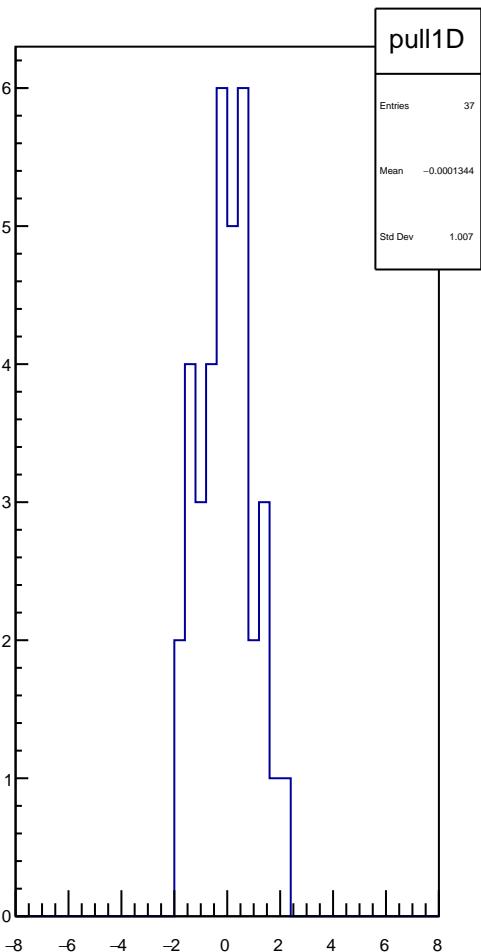
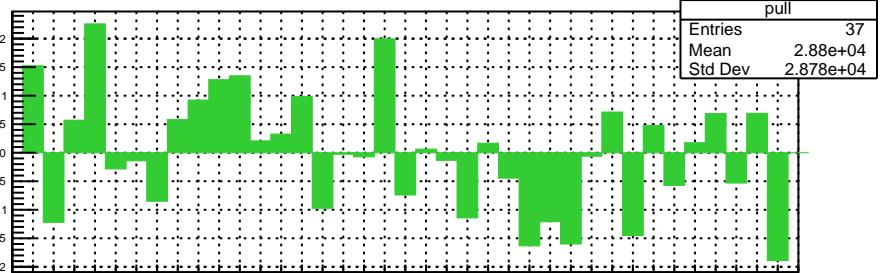
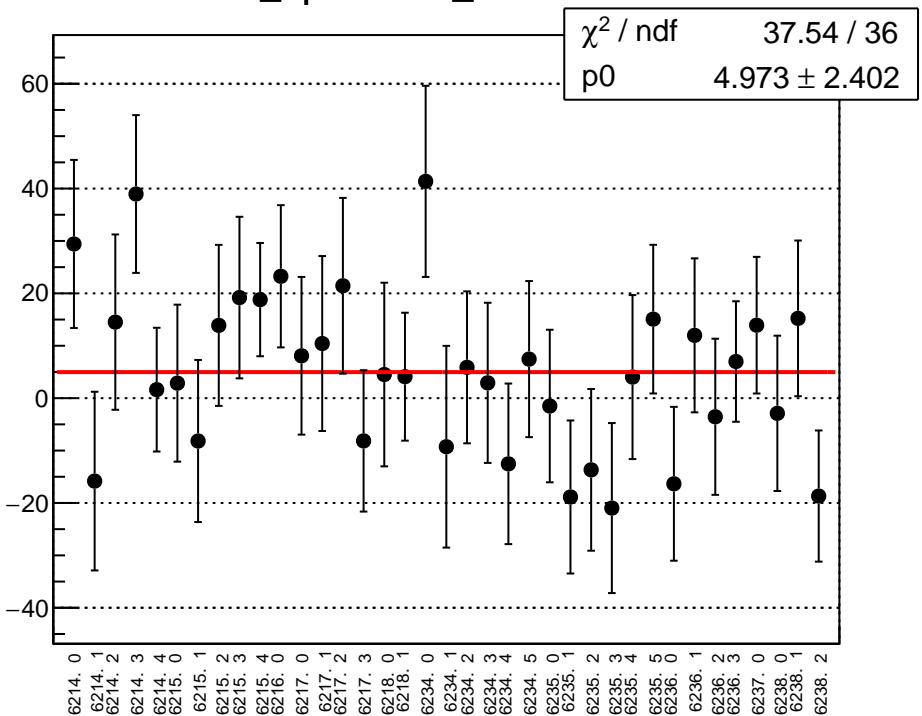
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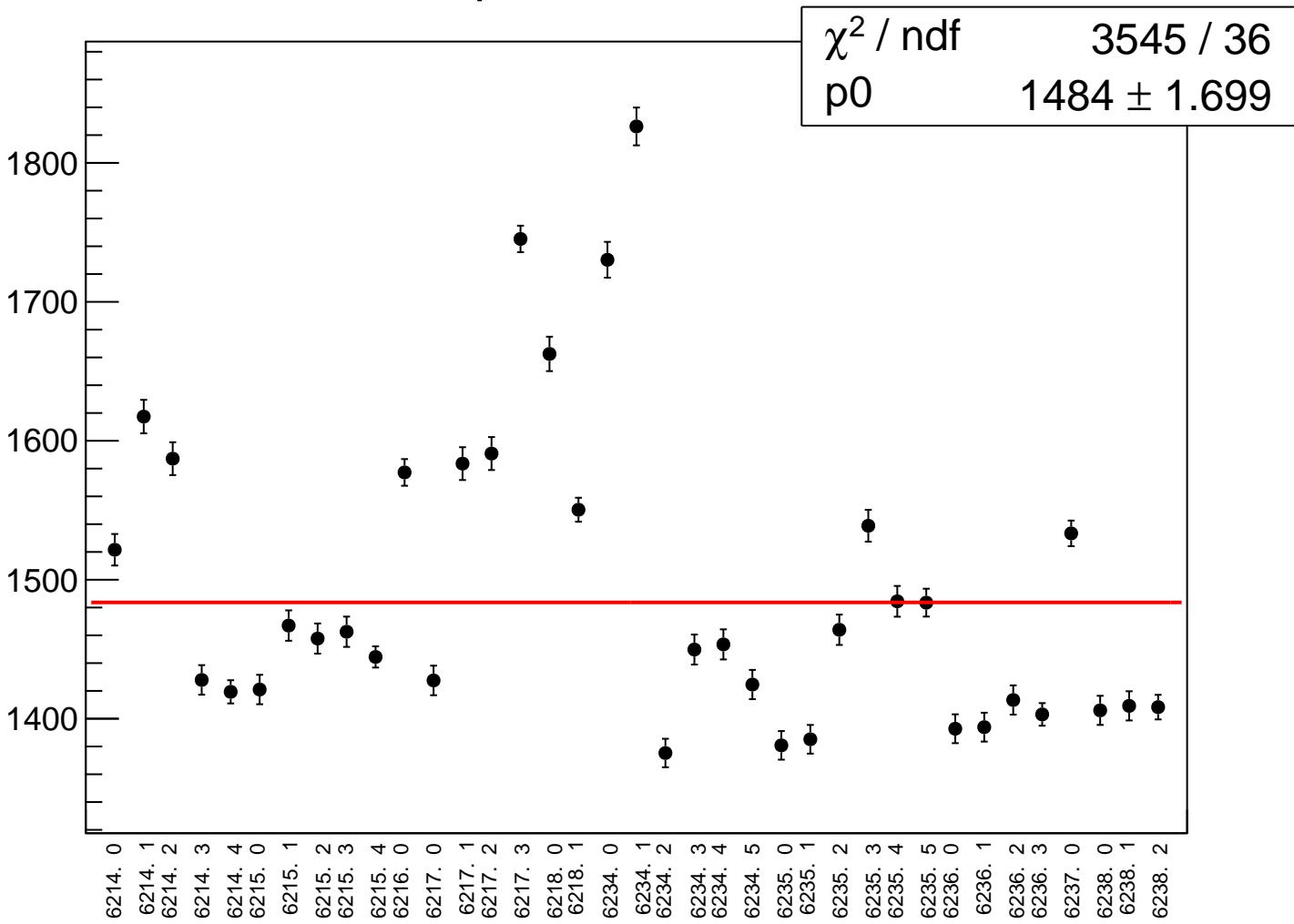
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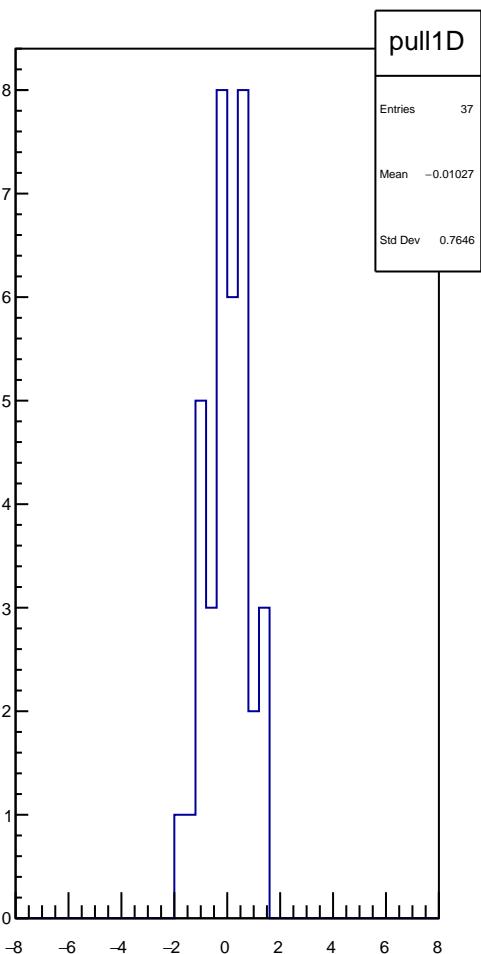
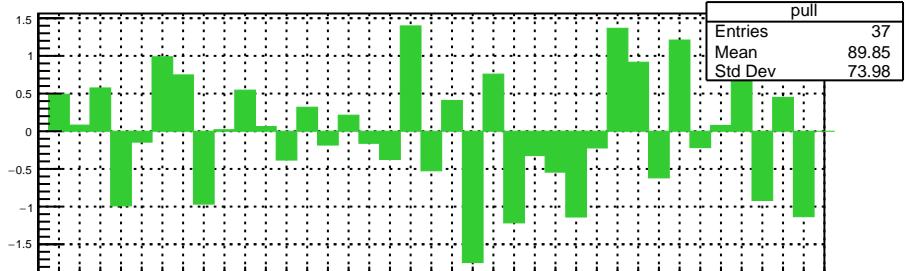
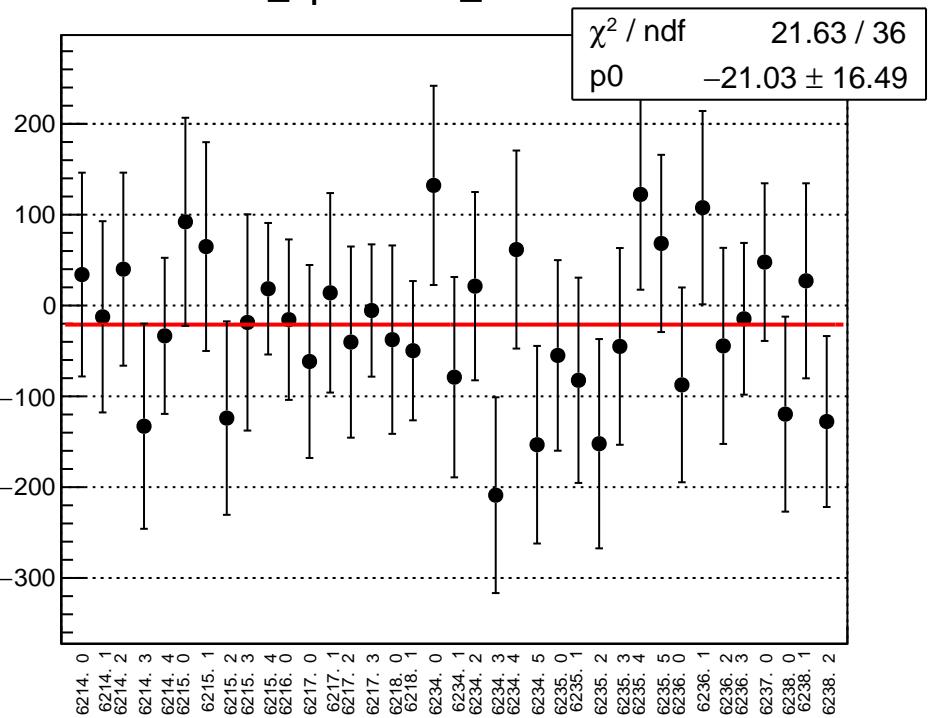
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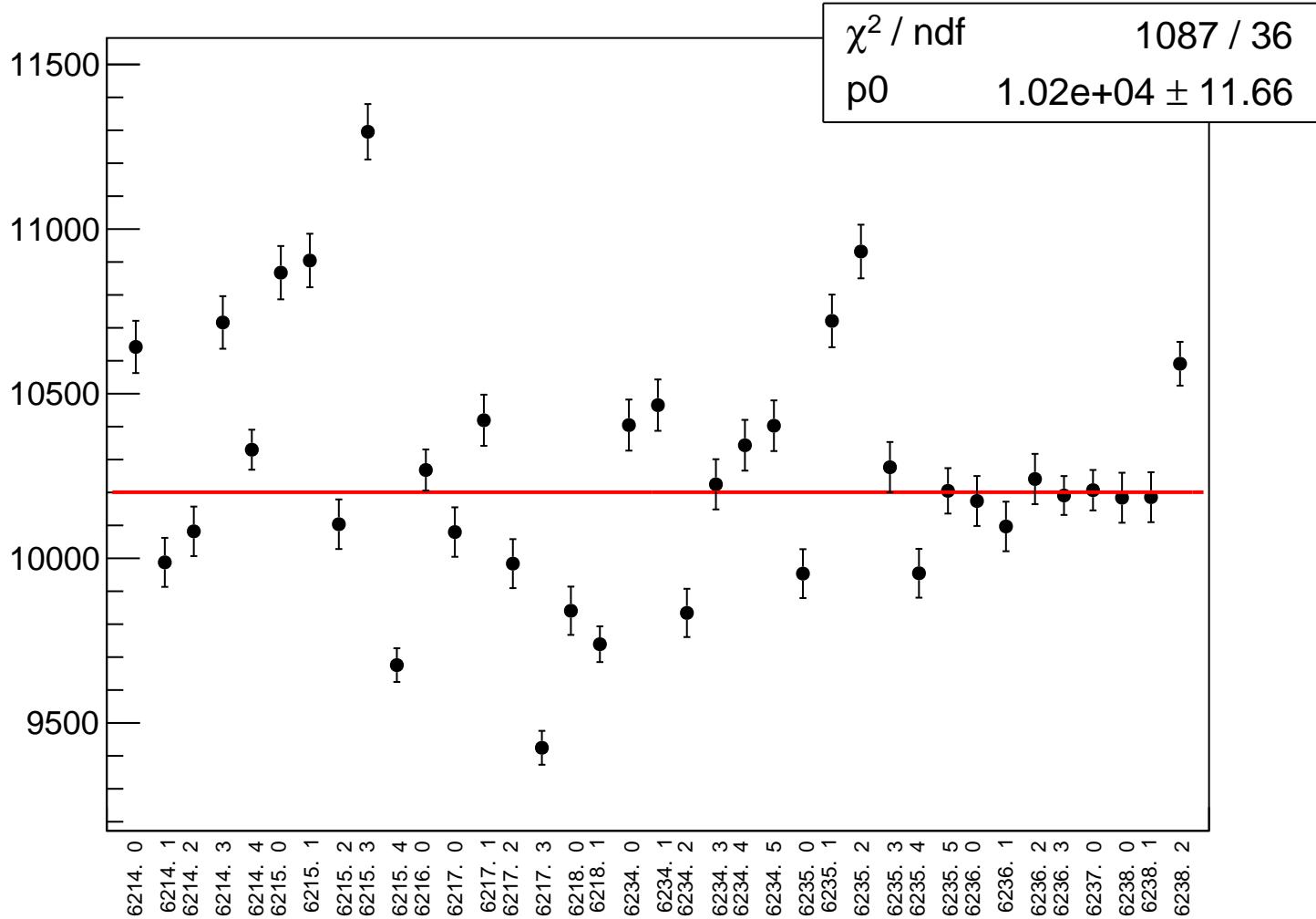
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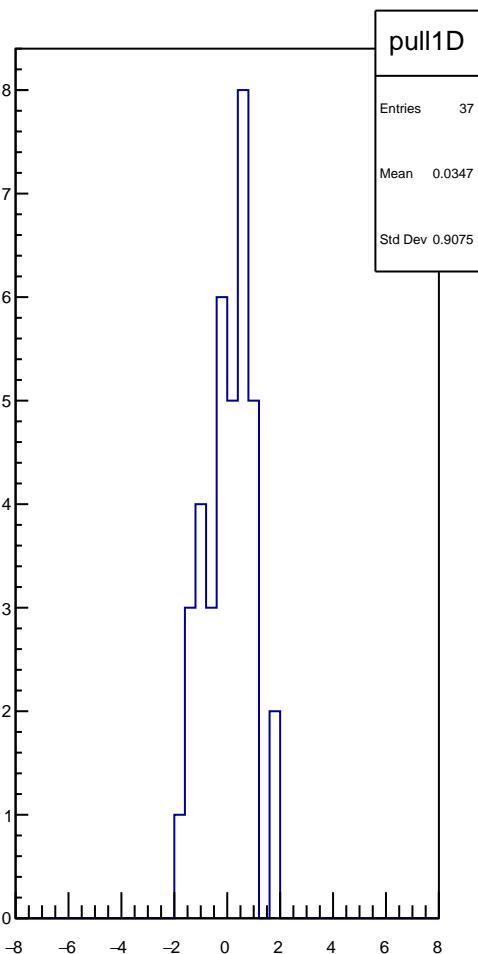
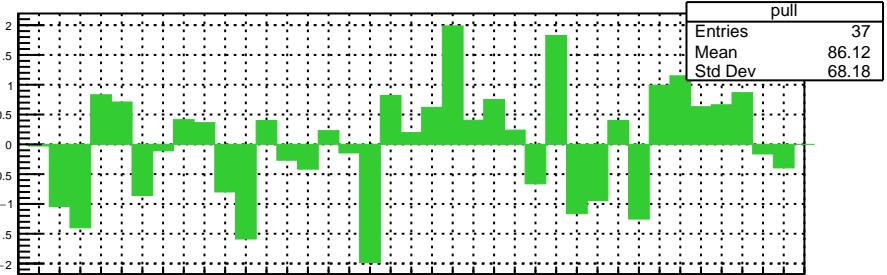
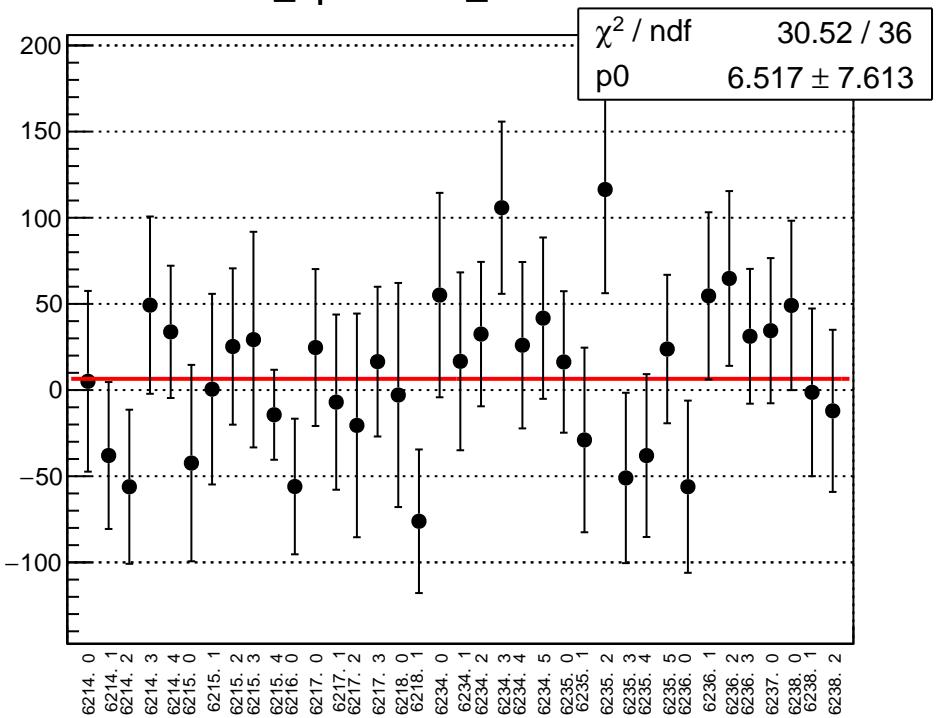
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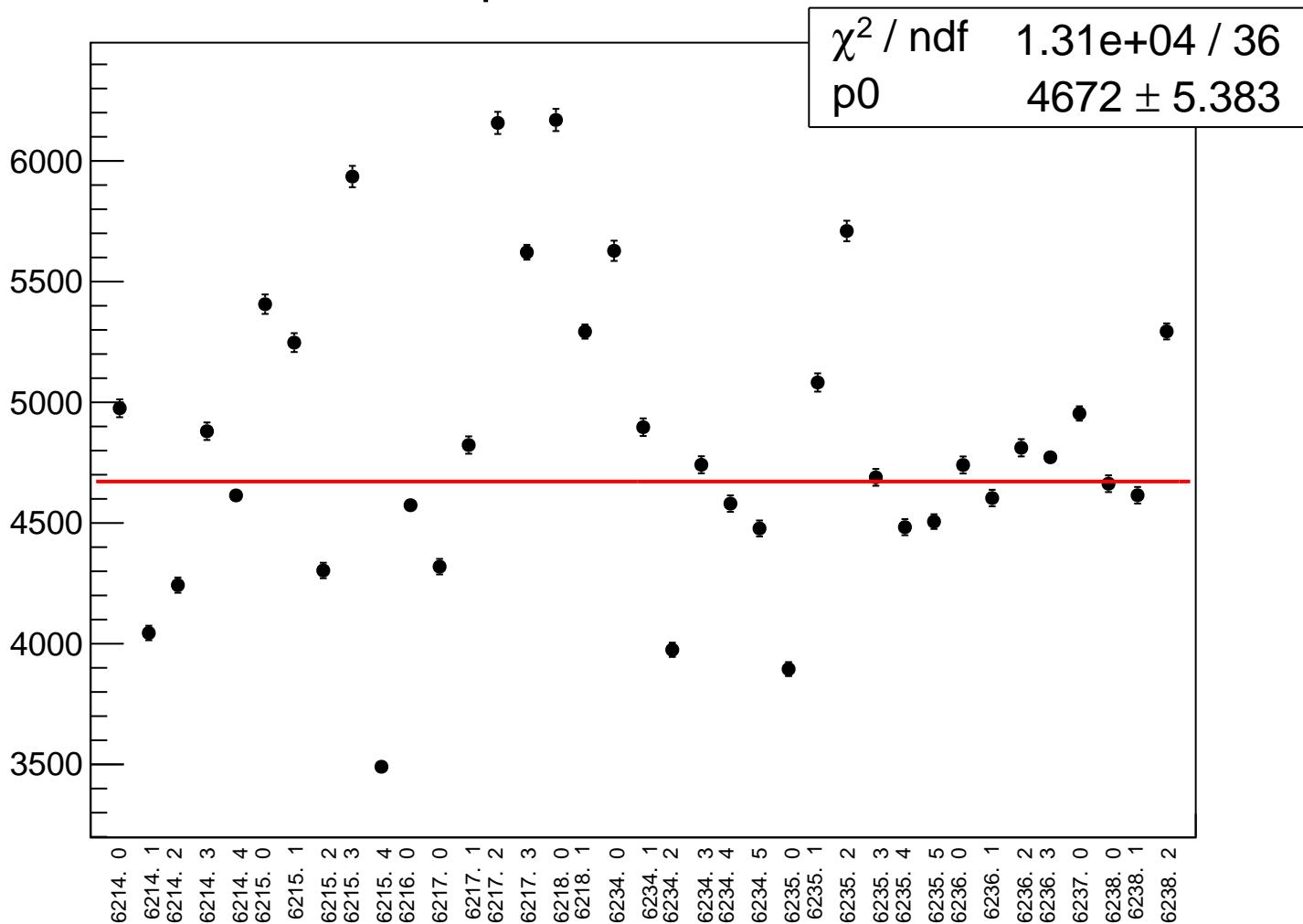
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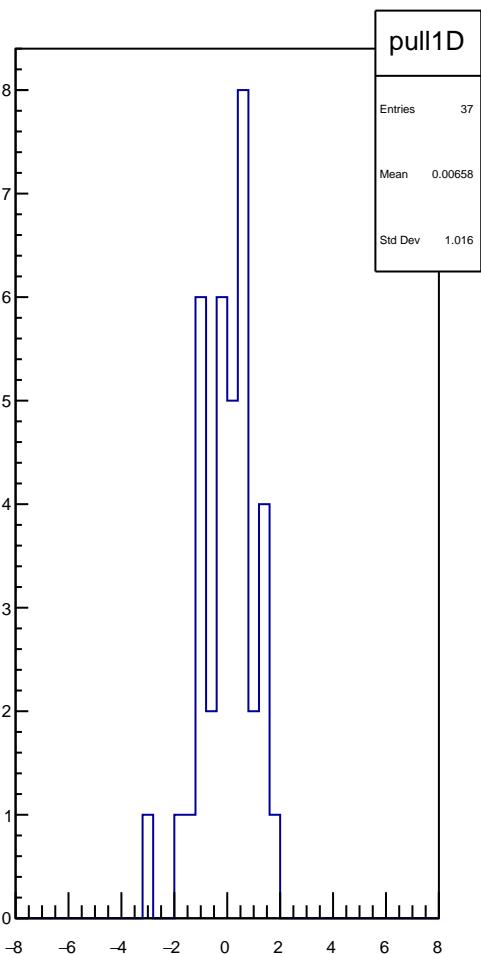
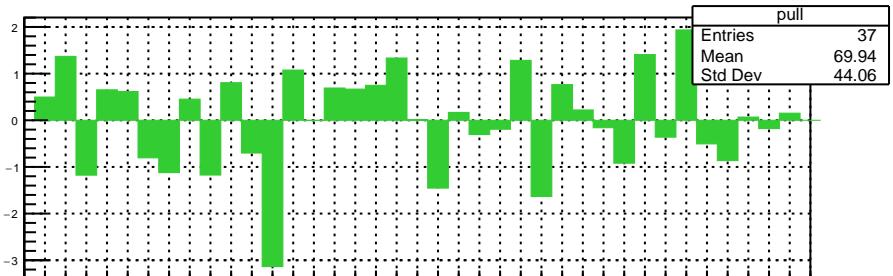
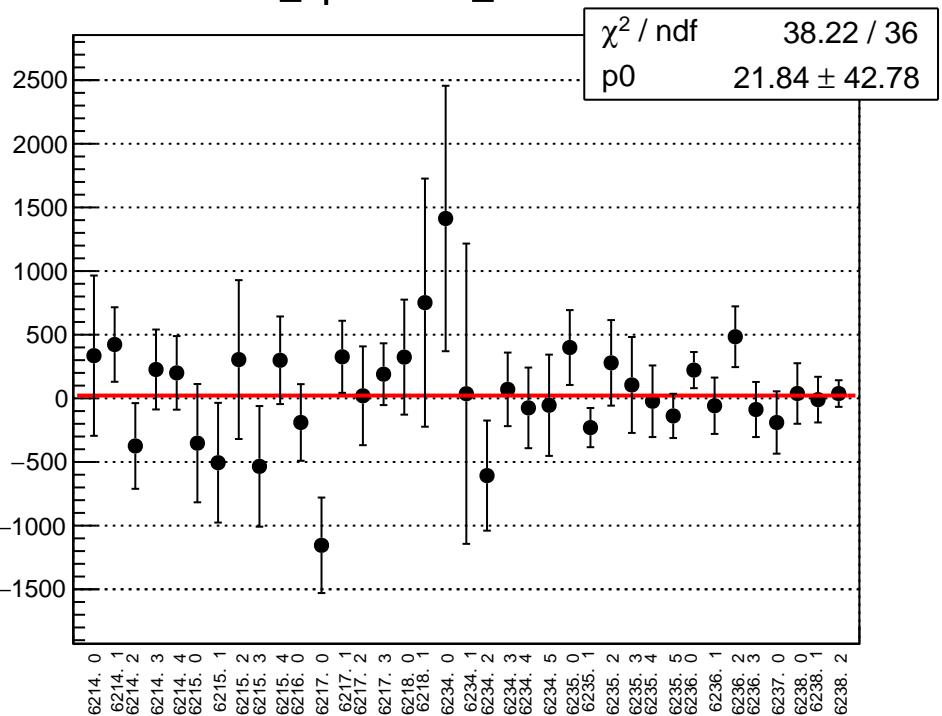
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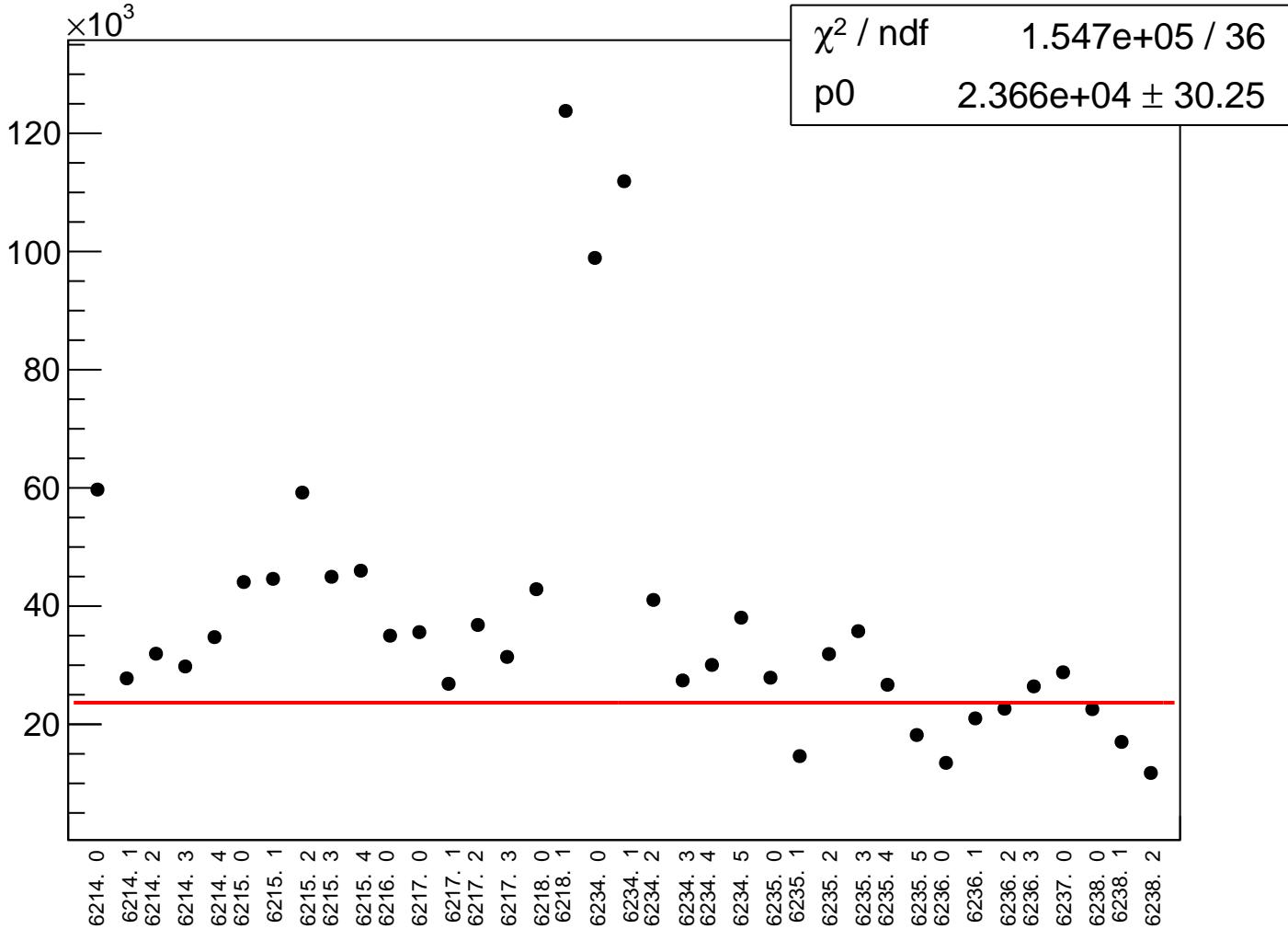
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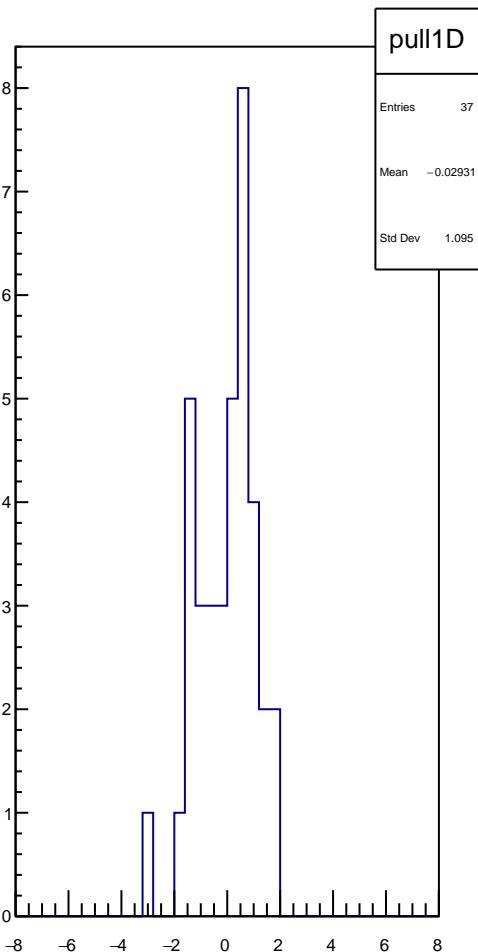
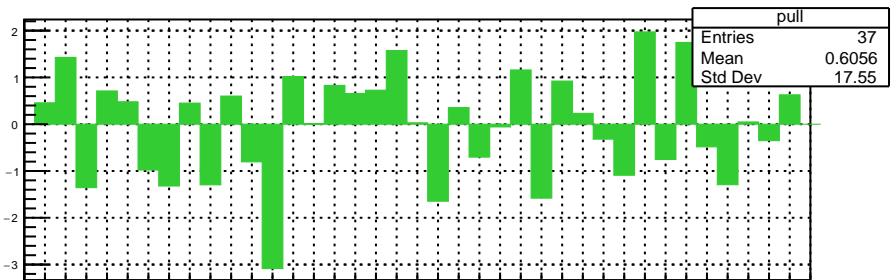
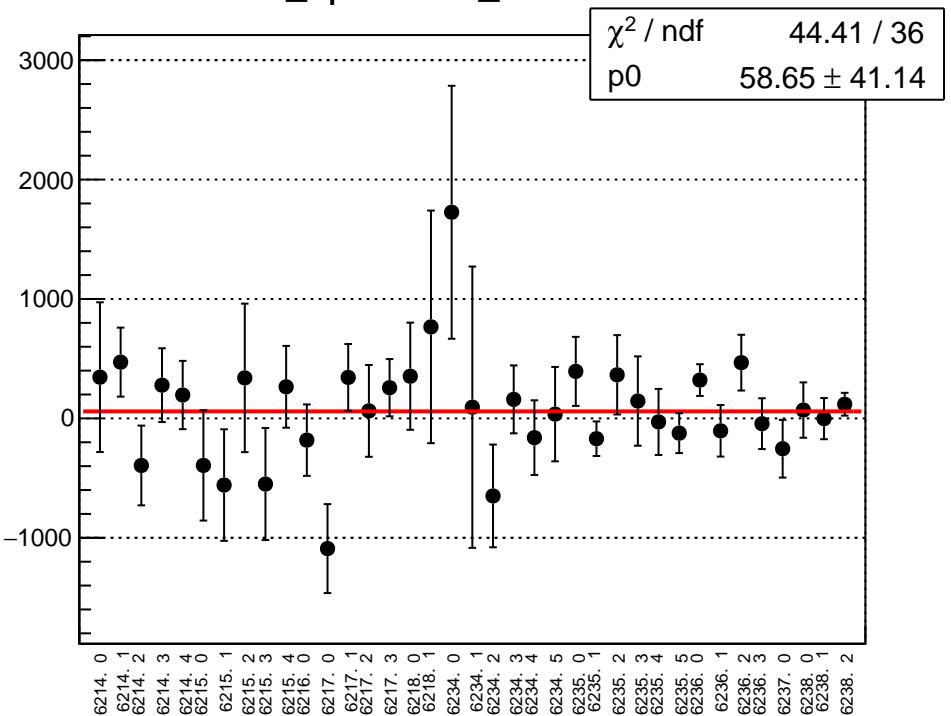
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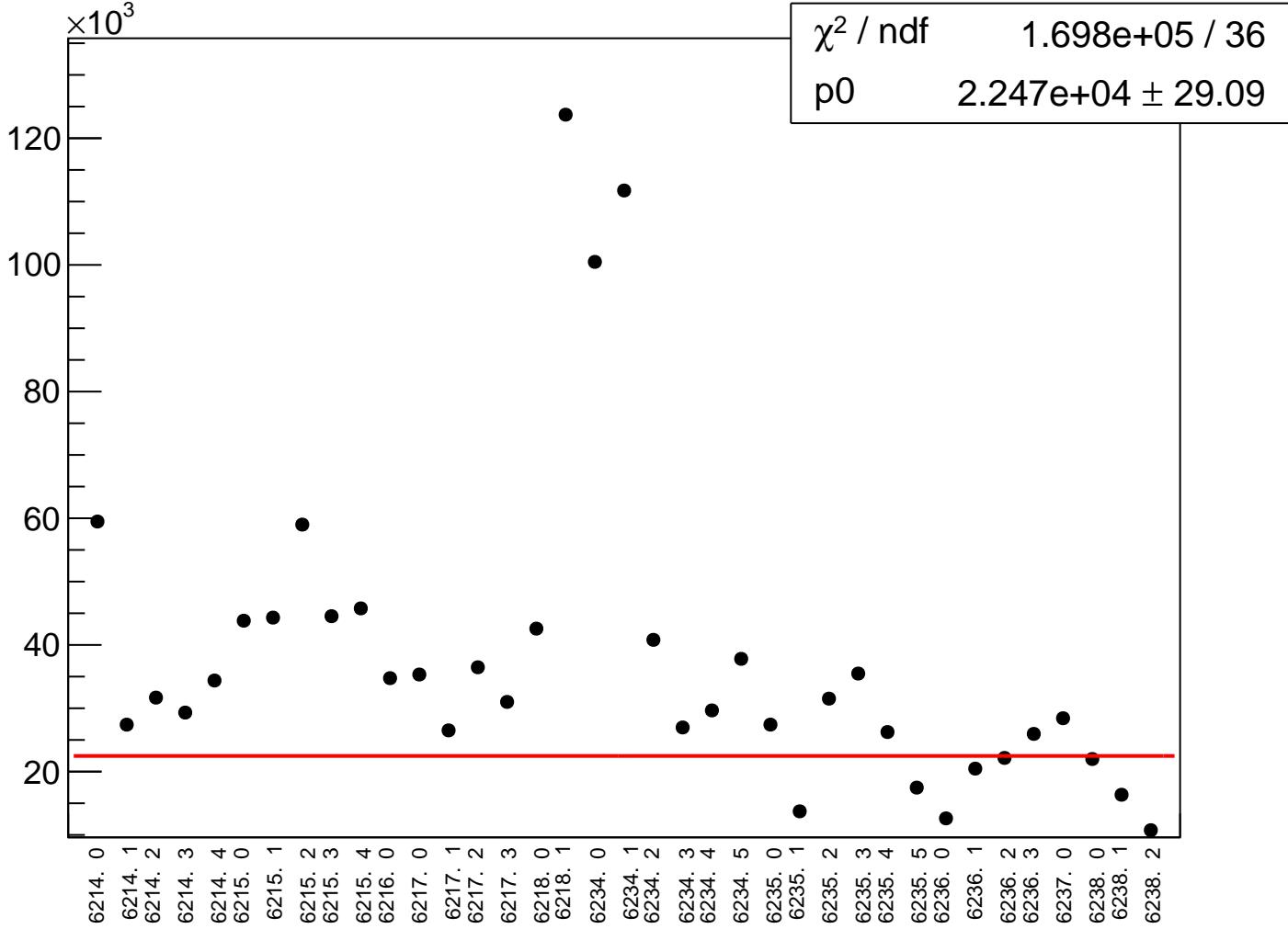
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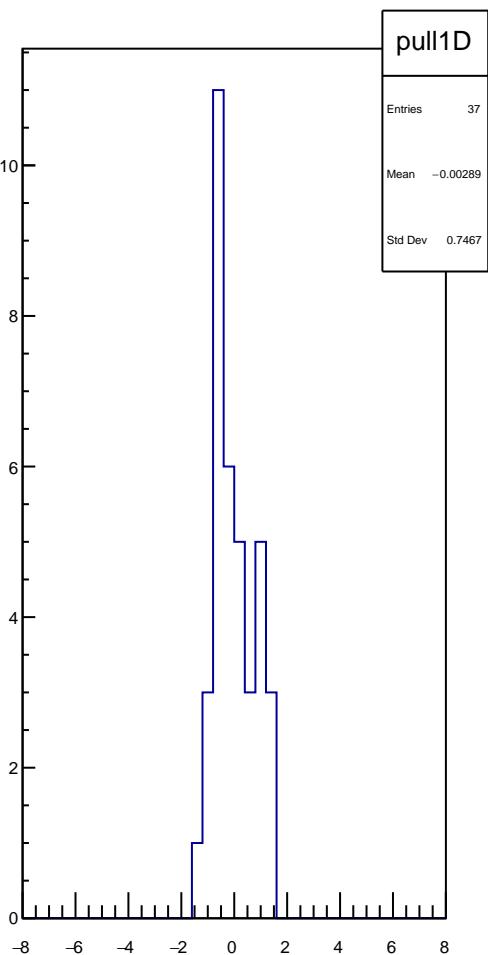
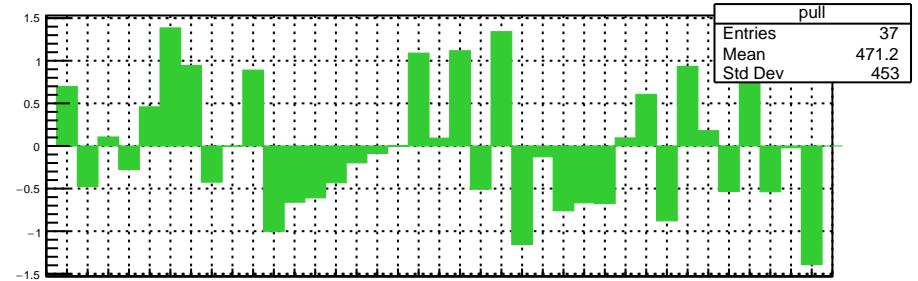
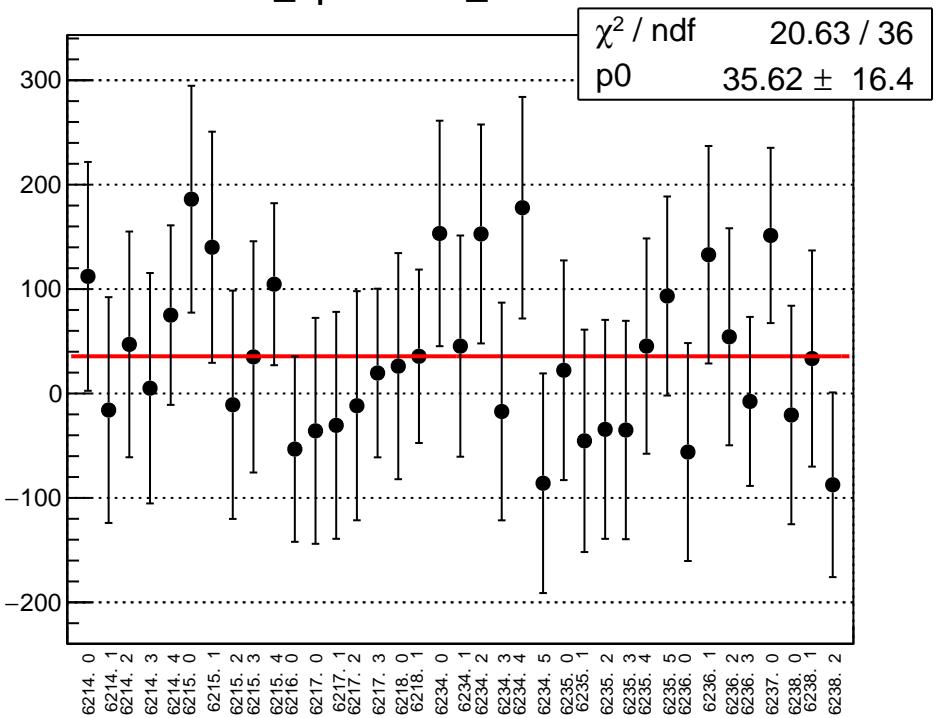
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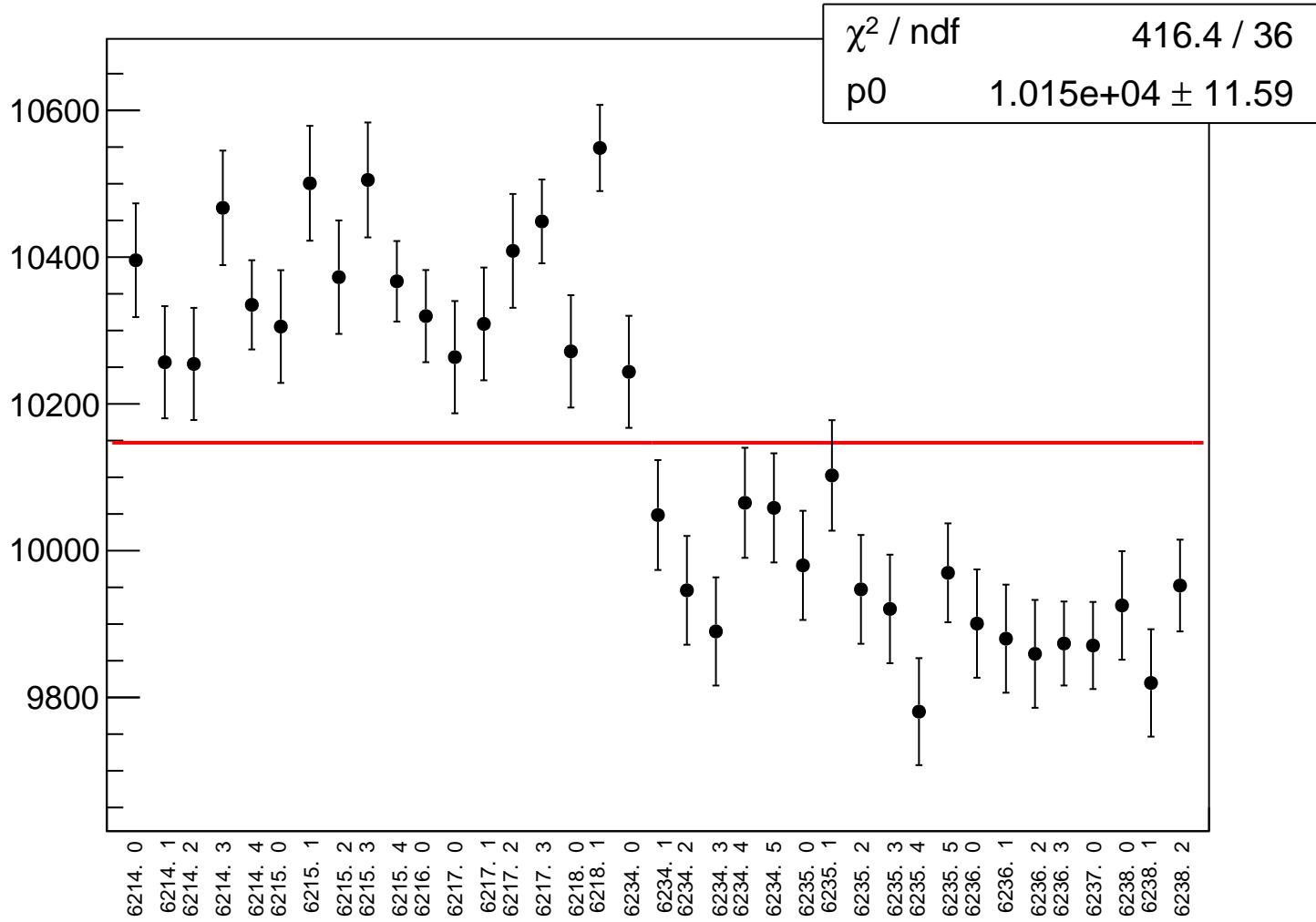
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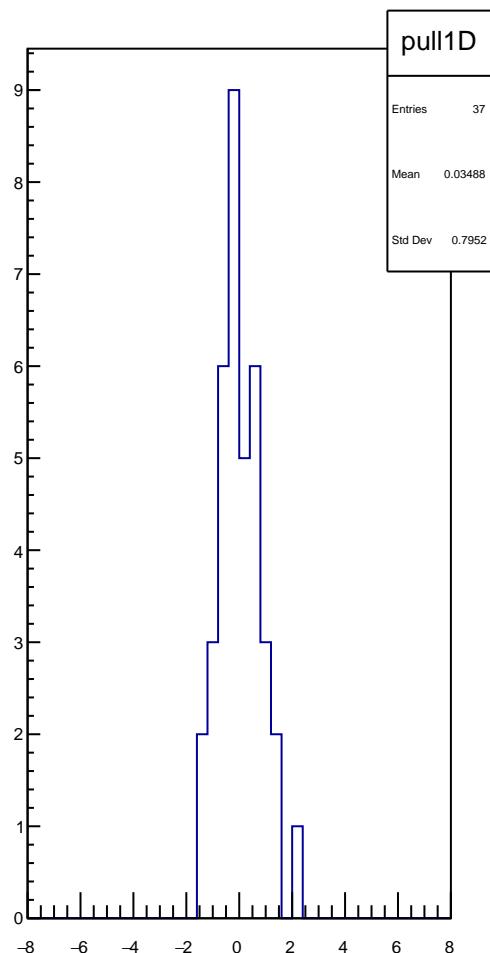
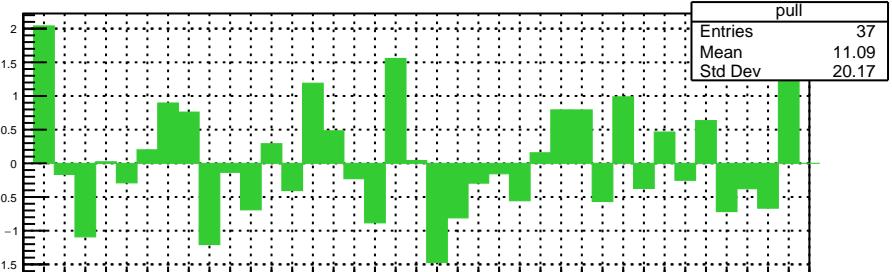
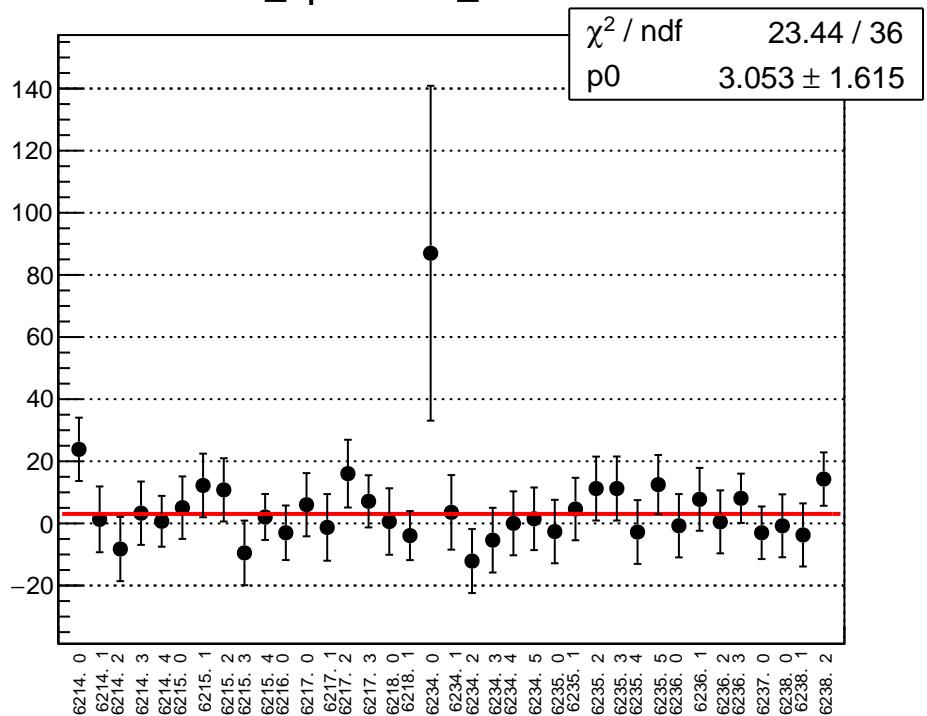
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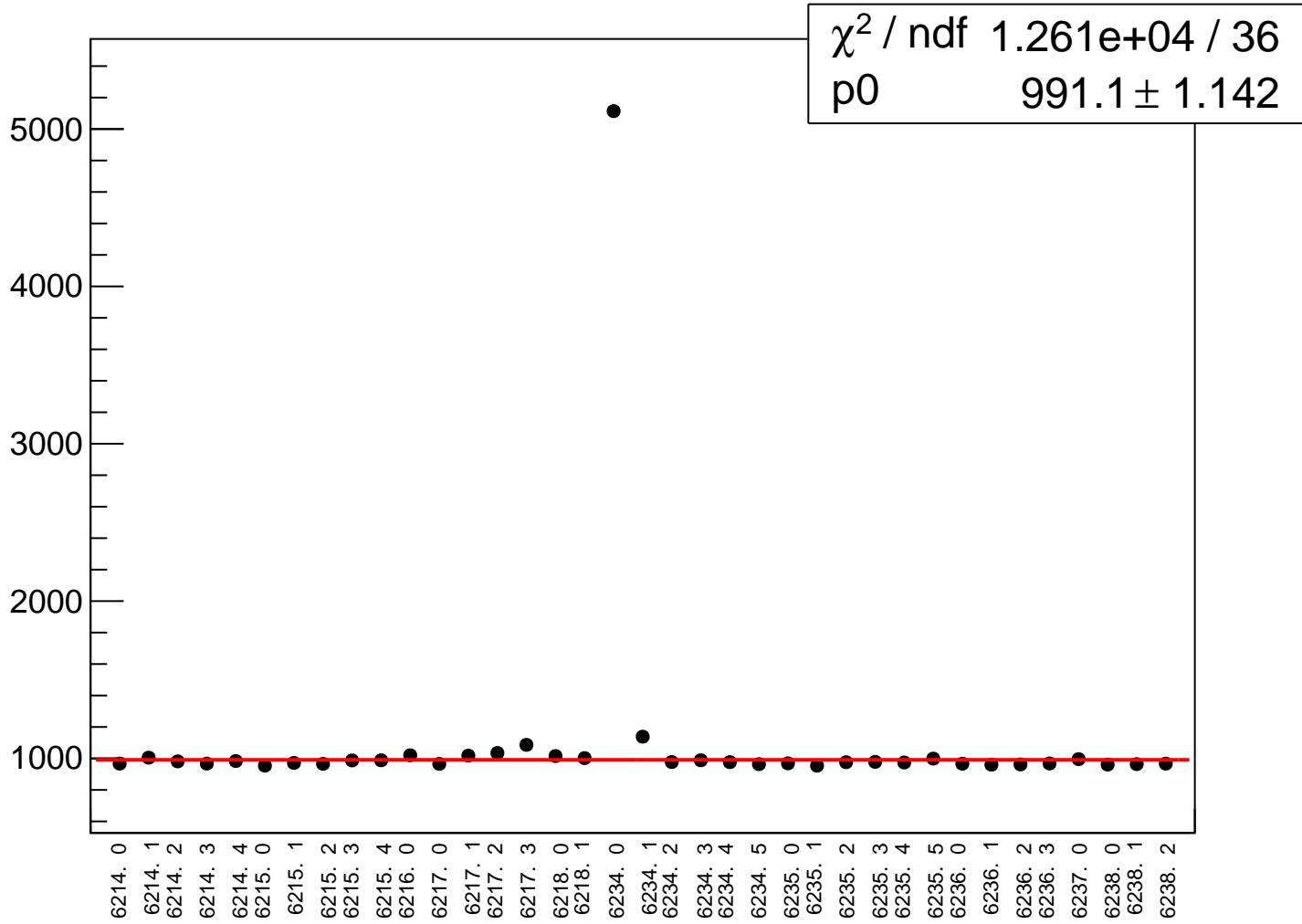
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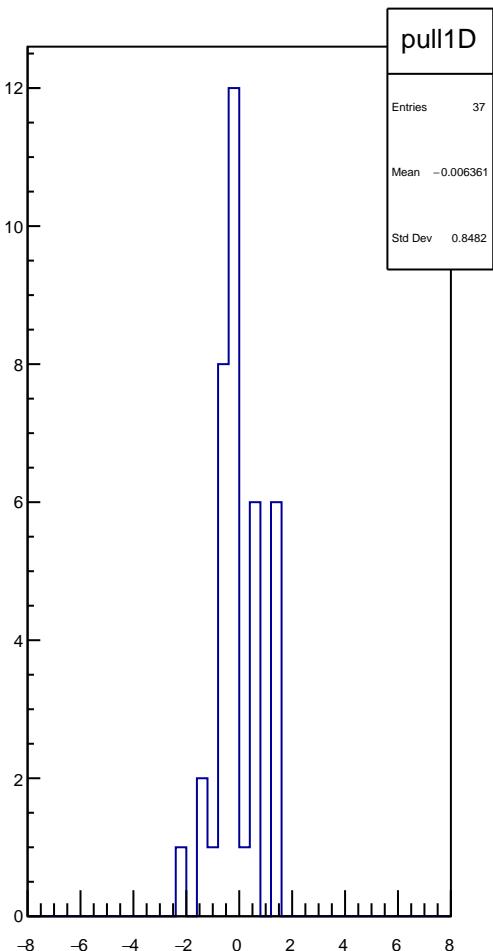
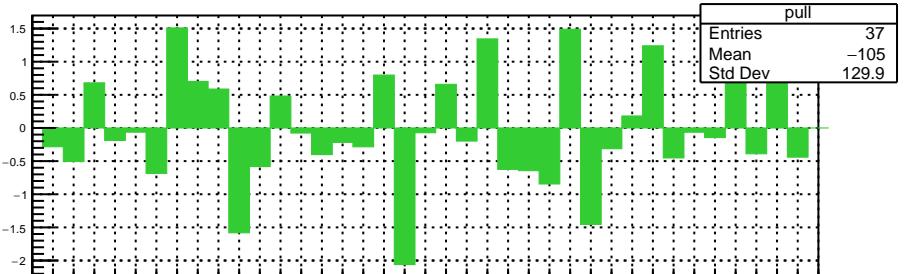
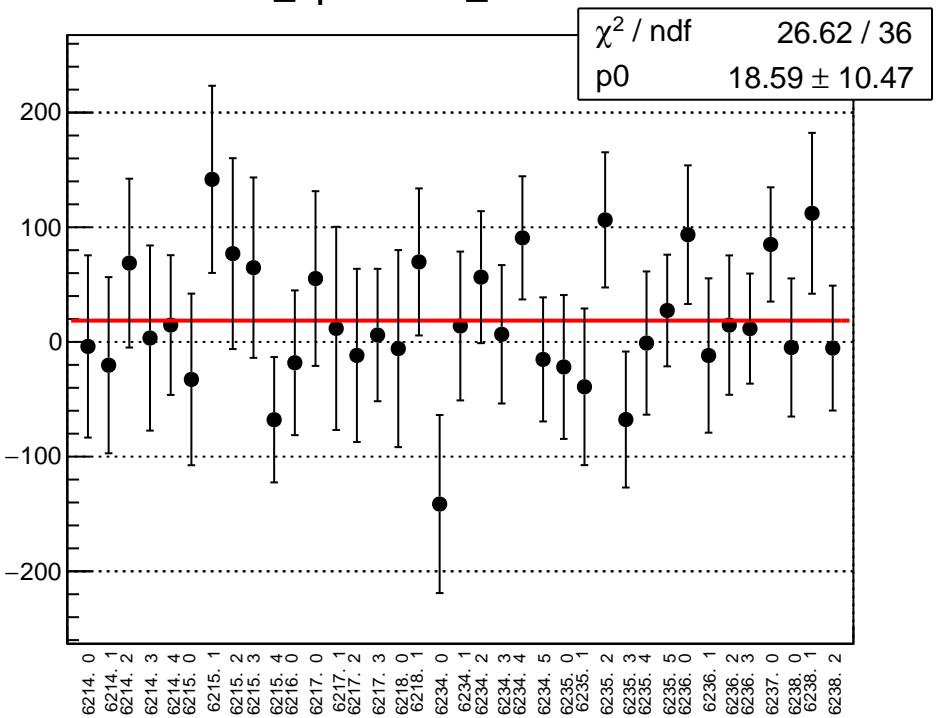
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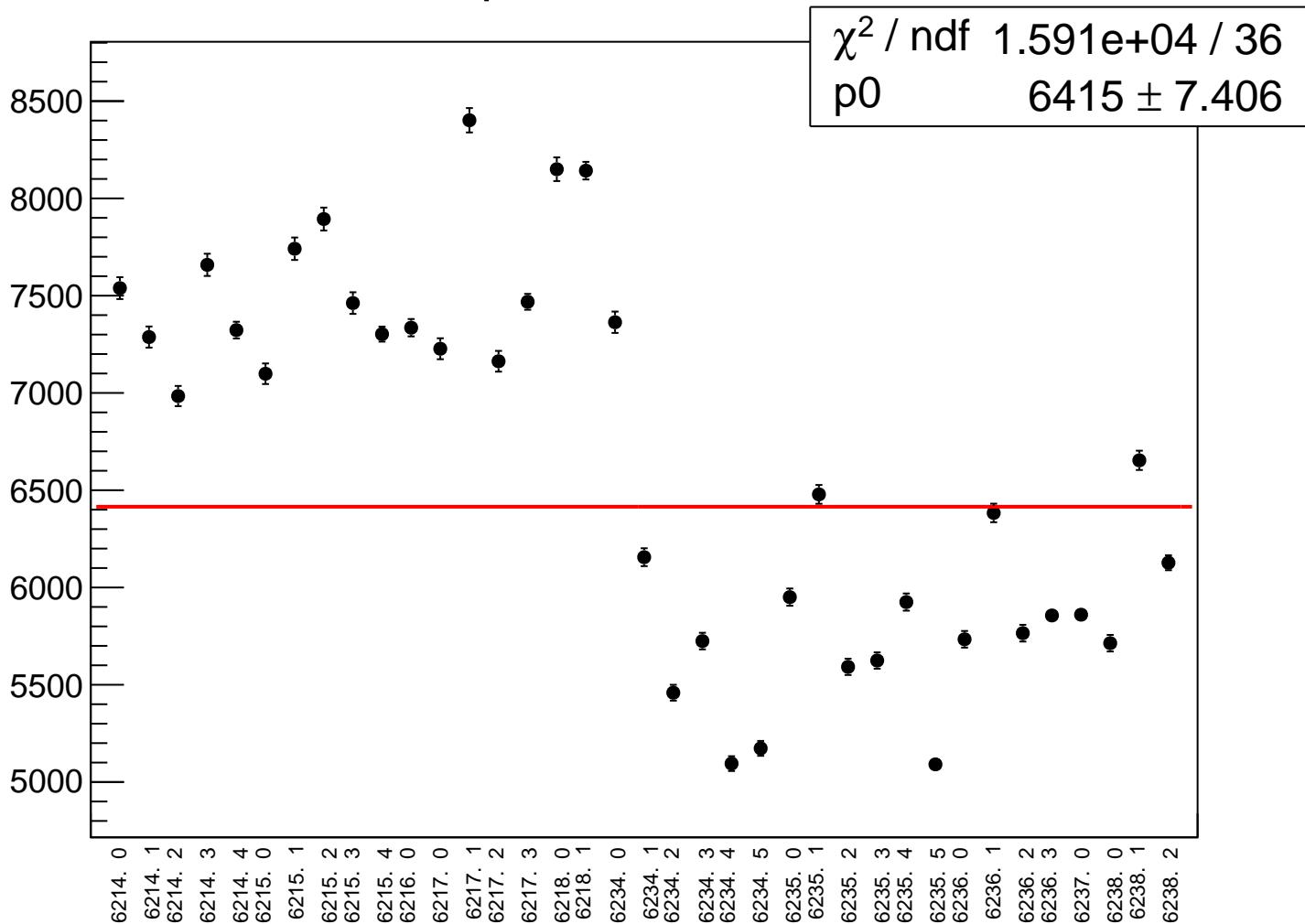
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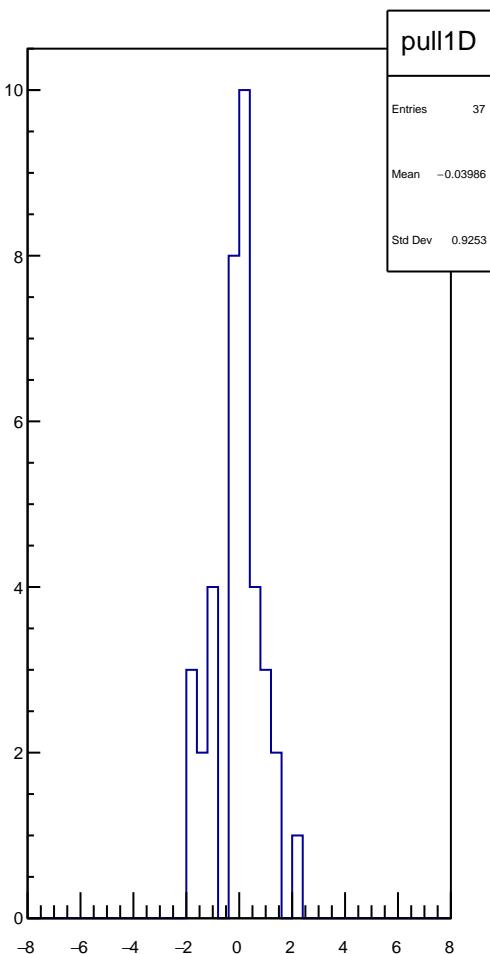
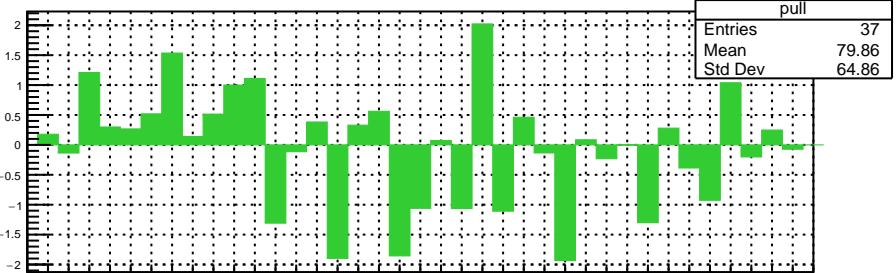
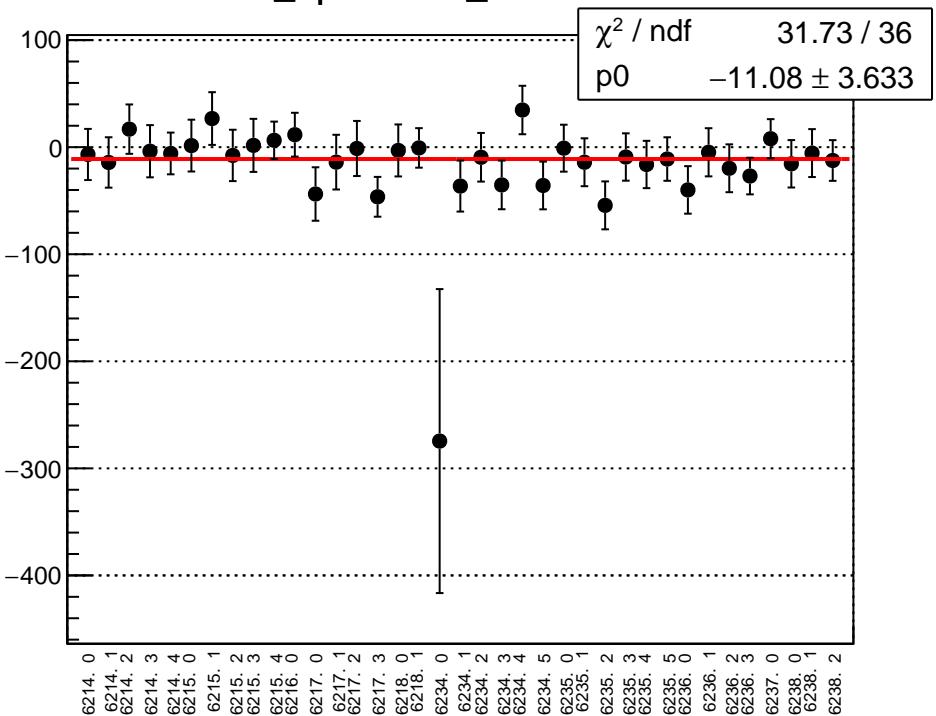
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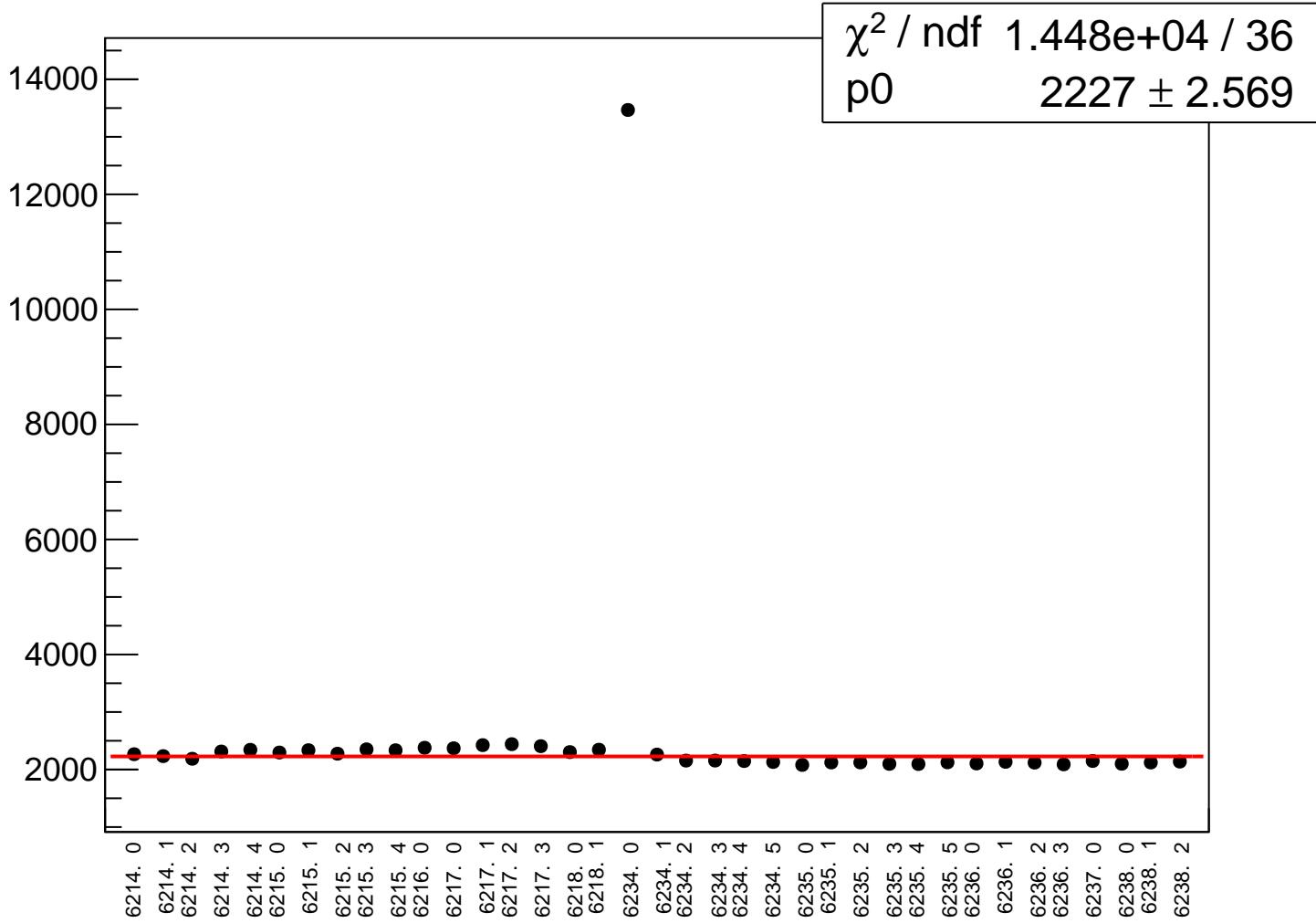
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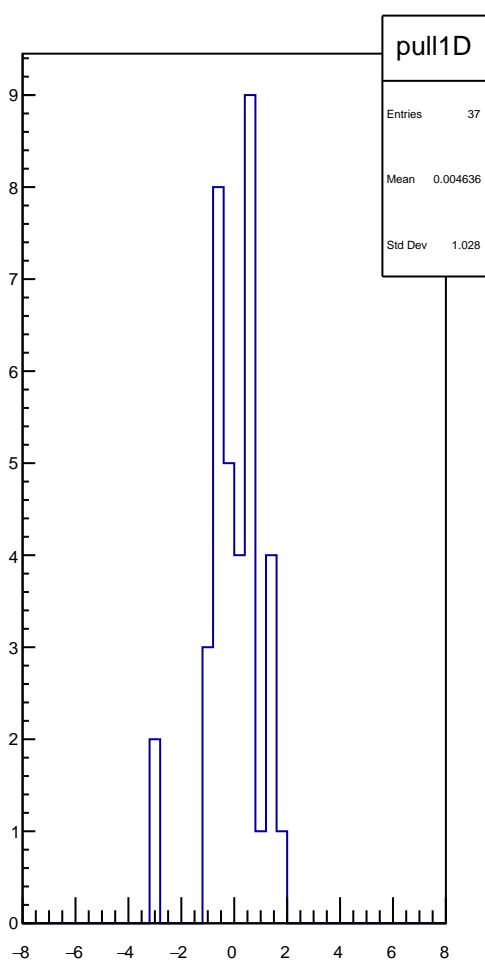
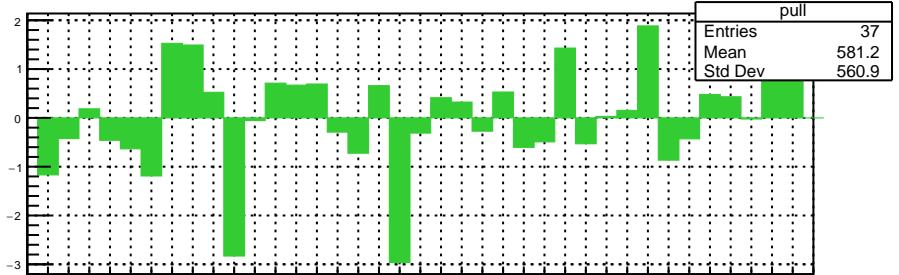
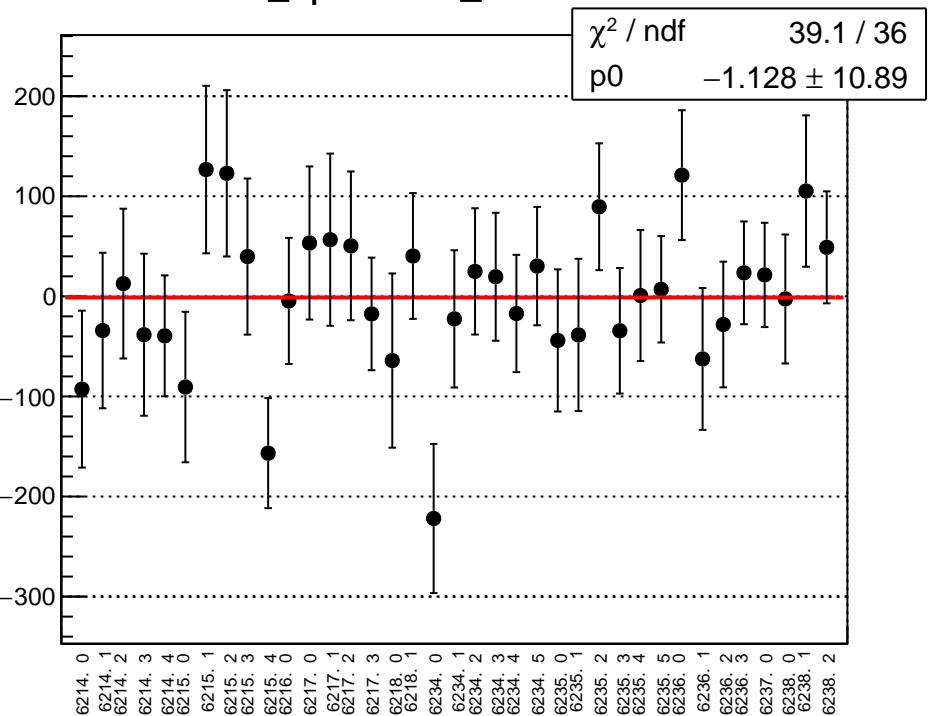
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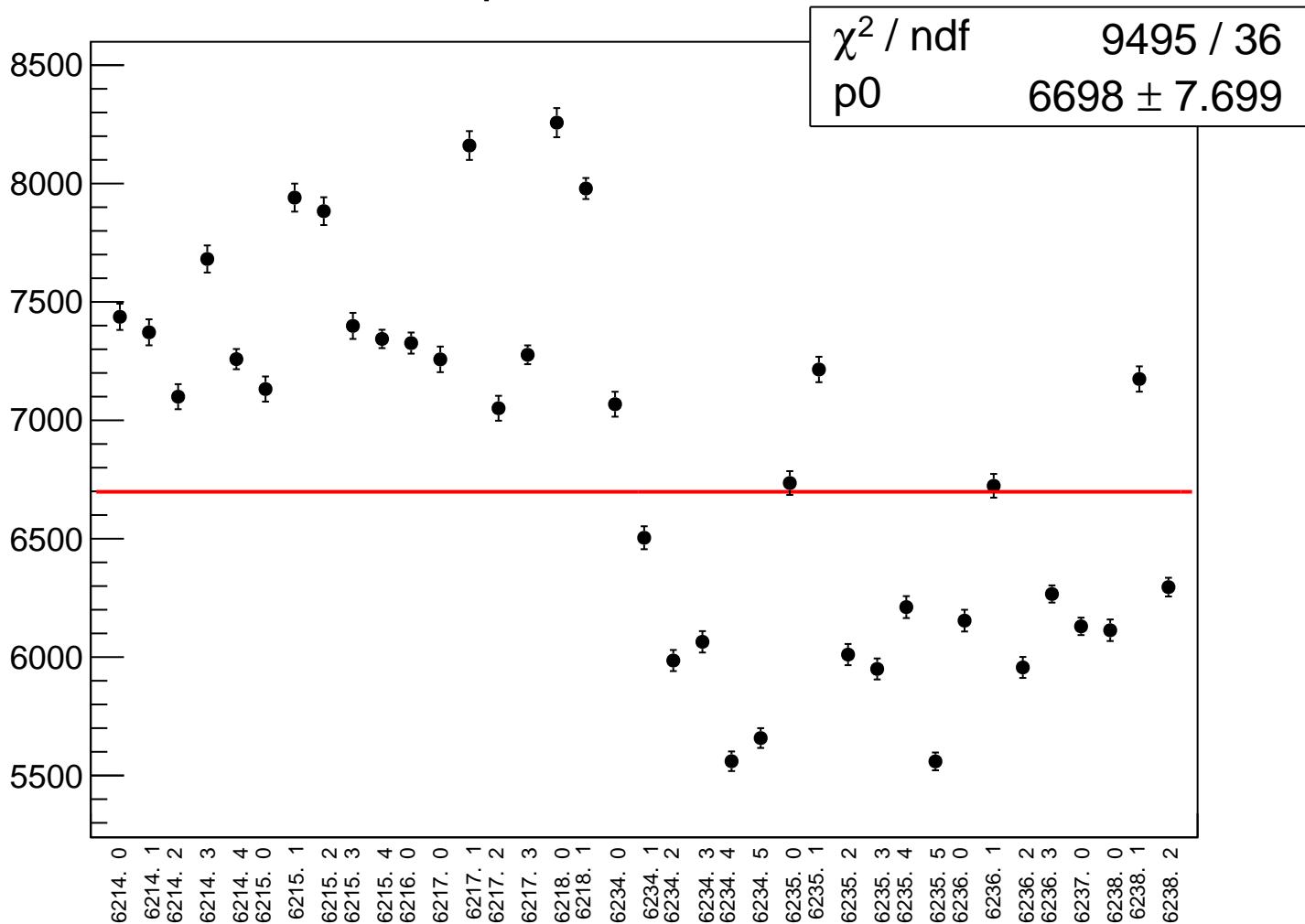
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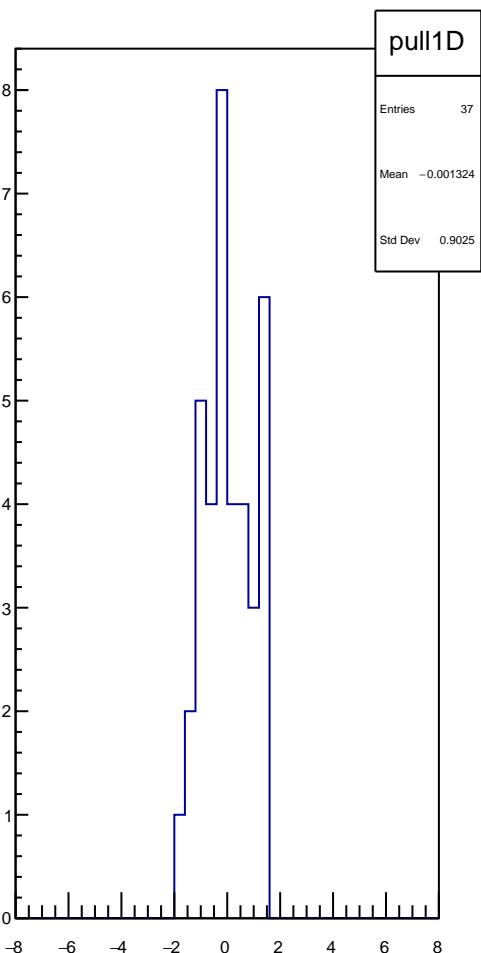
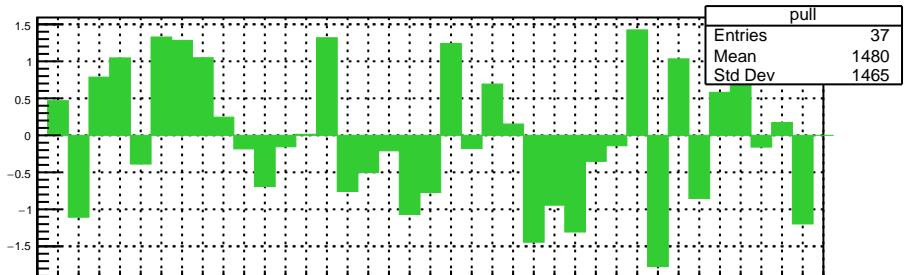
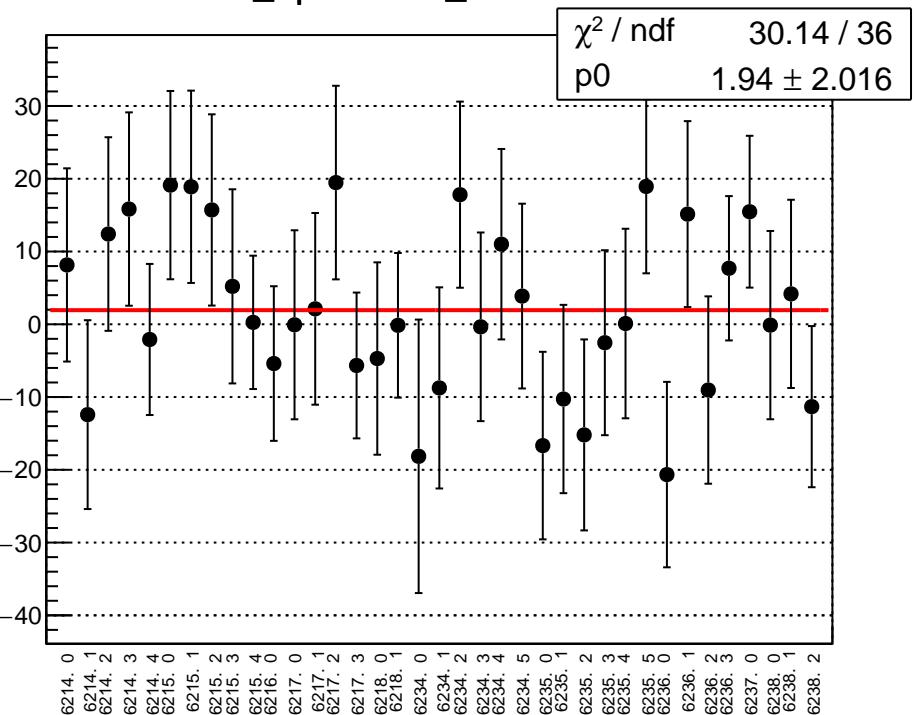
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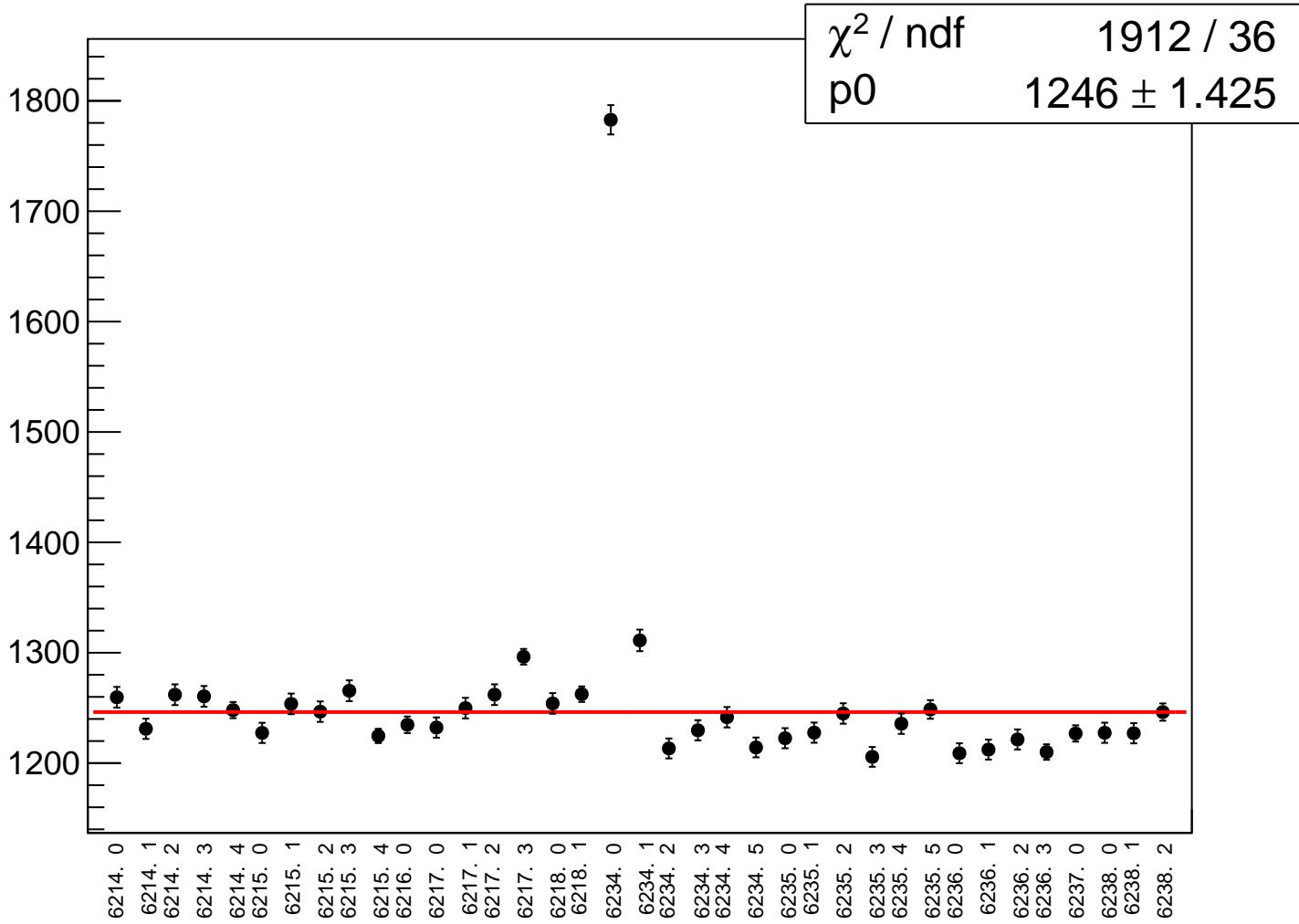
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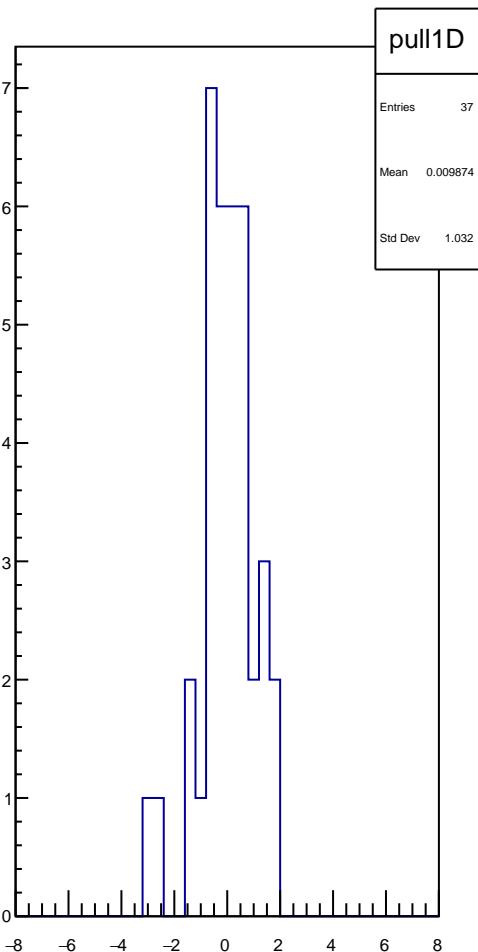
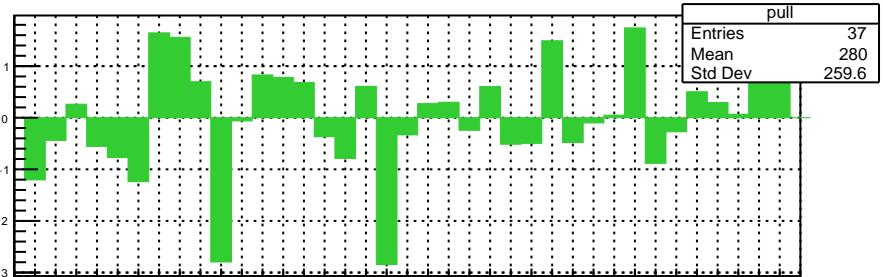
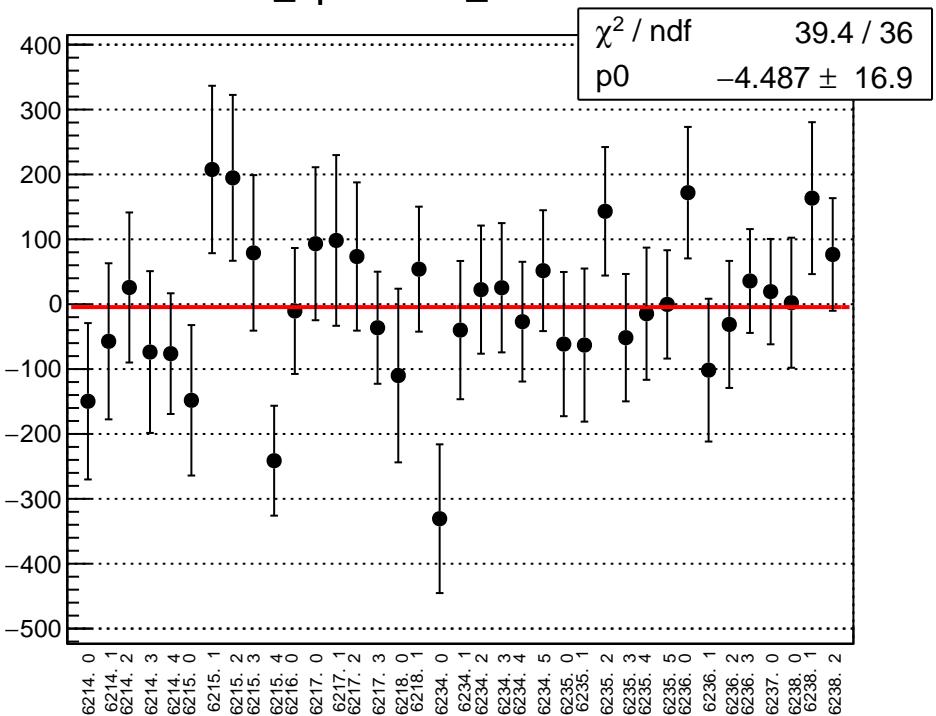
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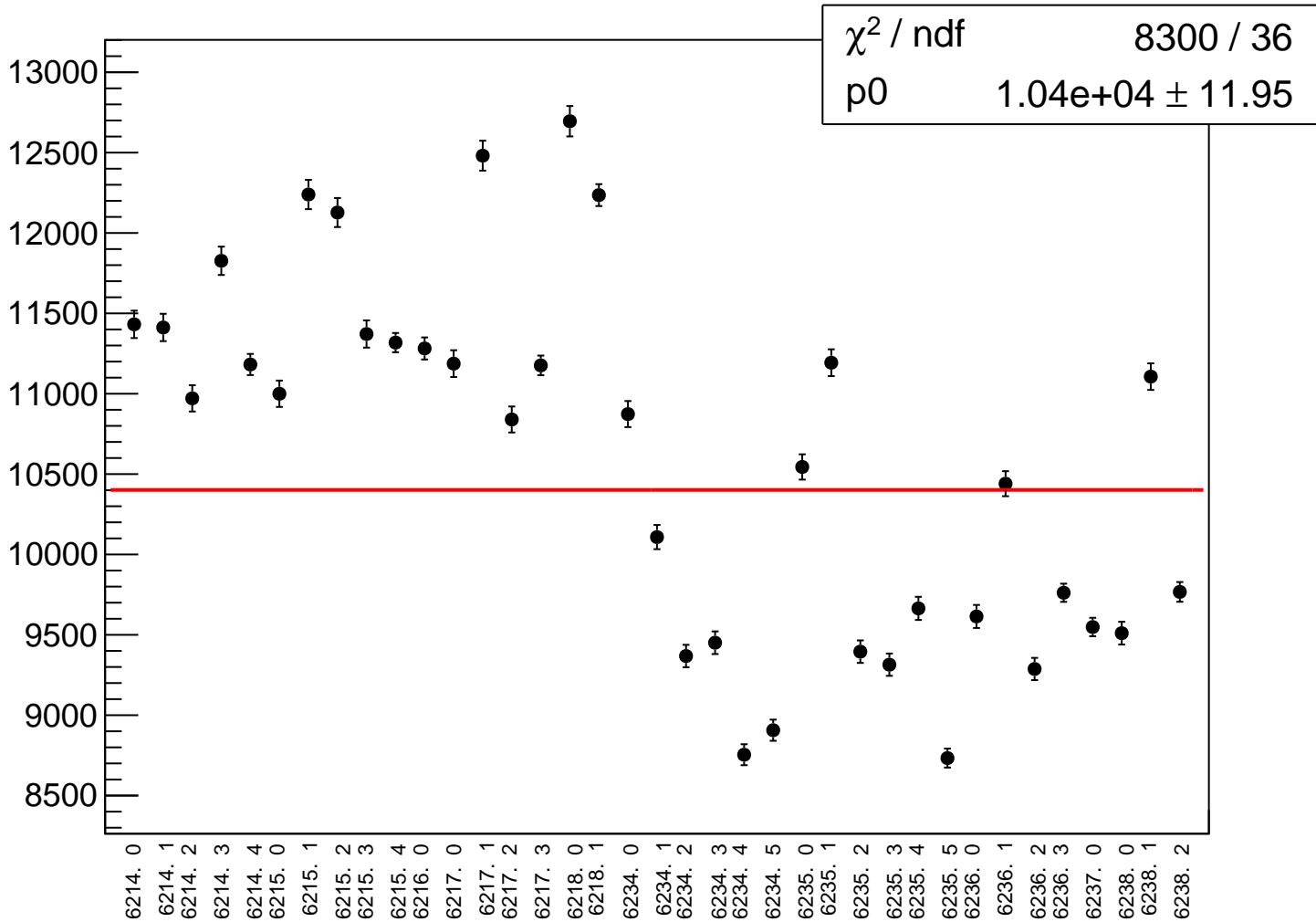
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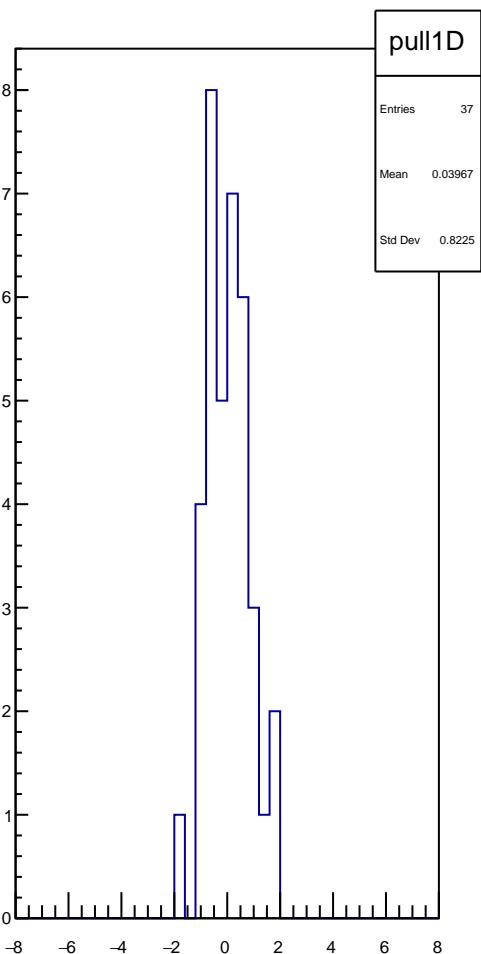
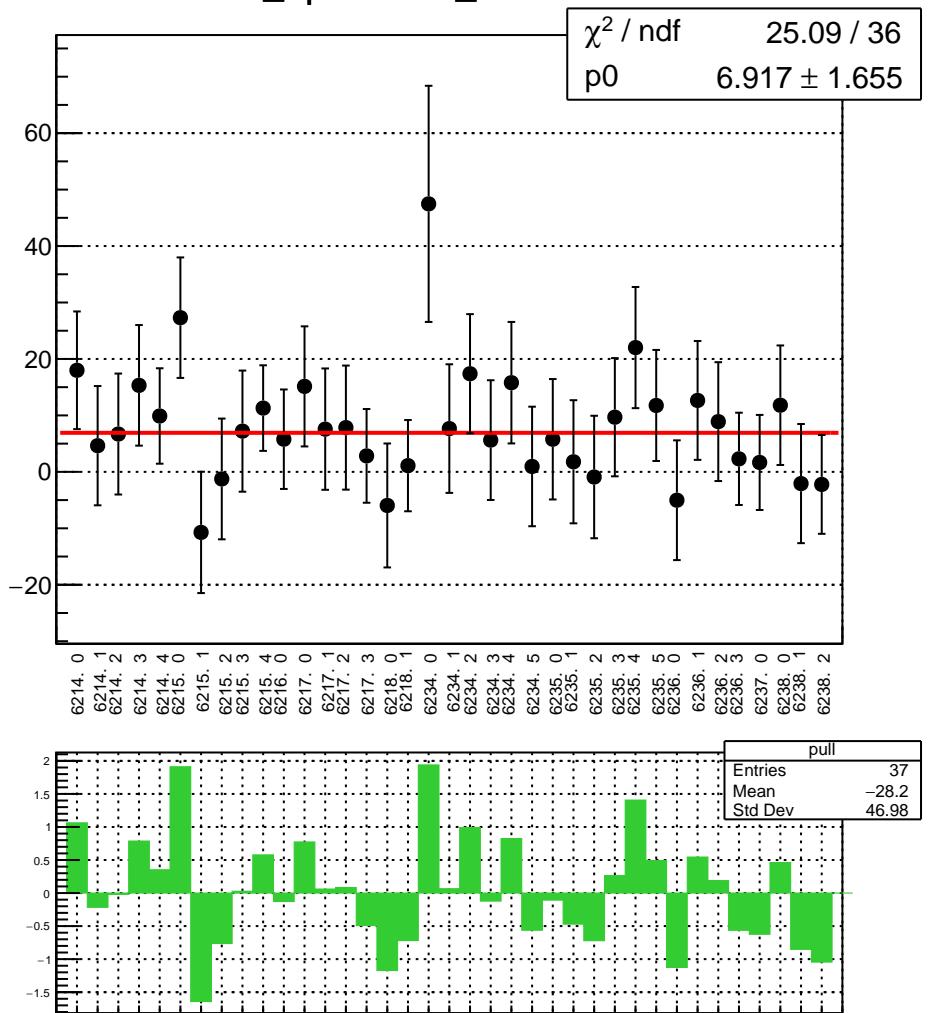
diff_bpm0l07X_mean vs run



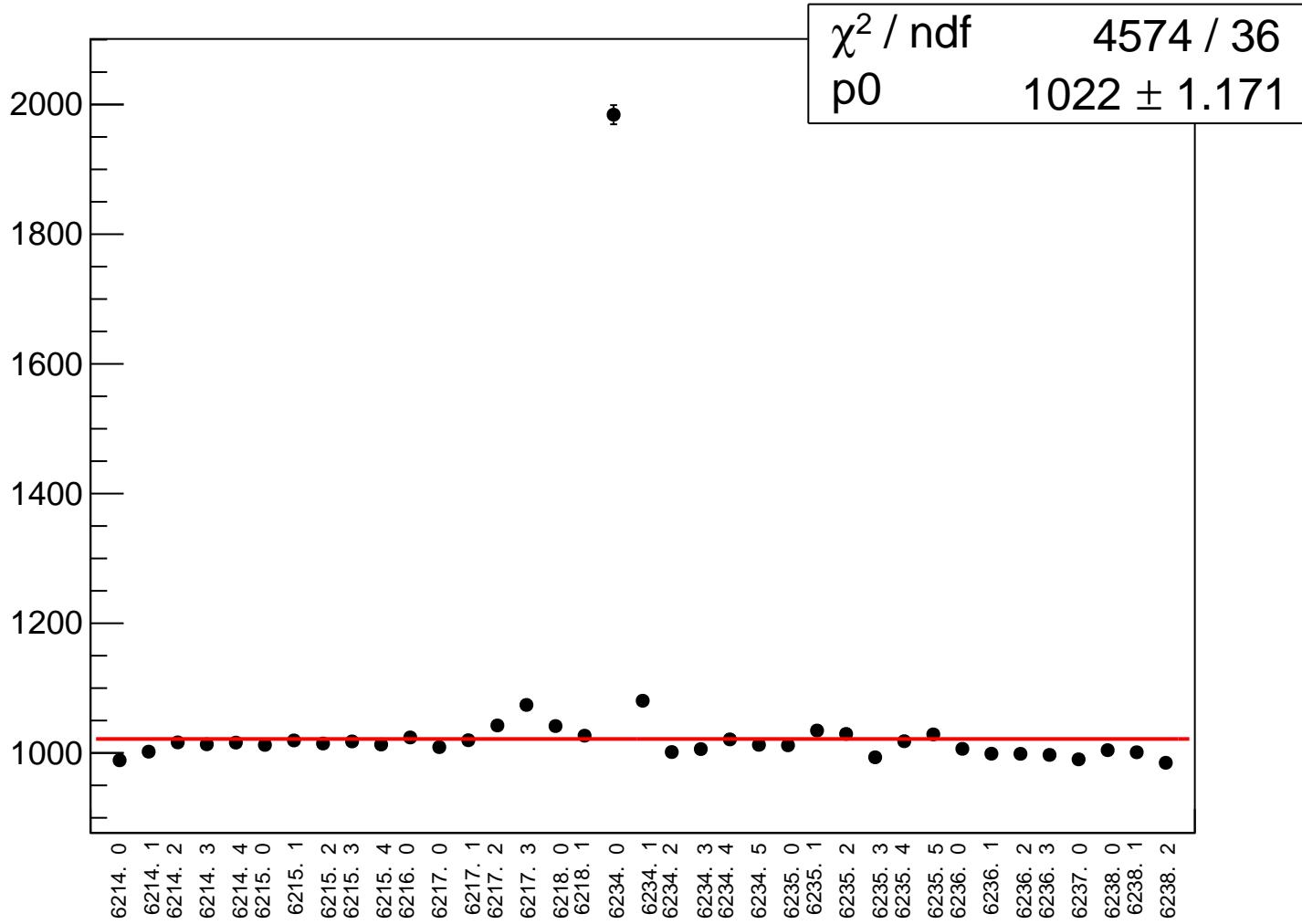
diff_bpm0I07X_rms vs run



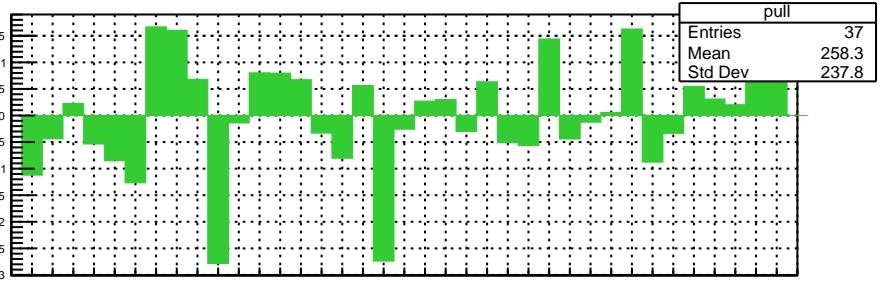
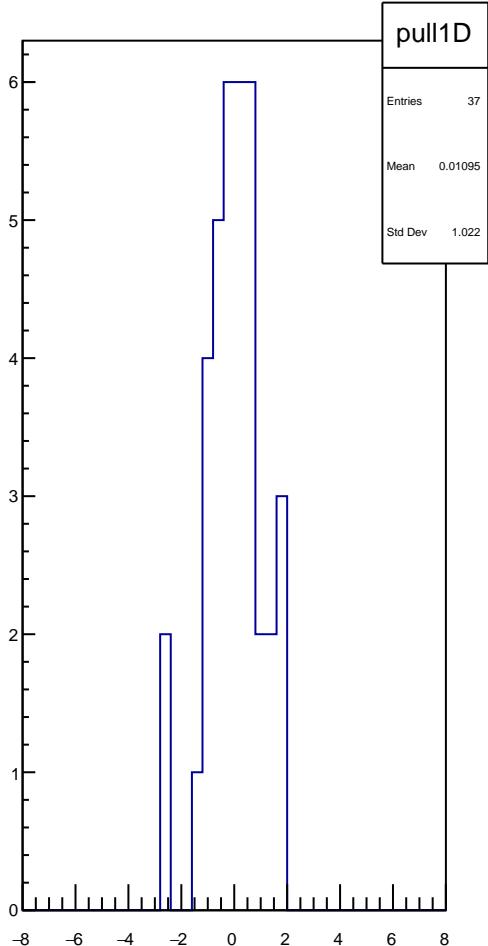
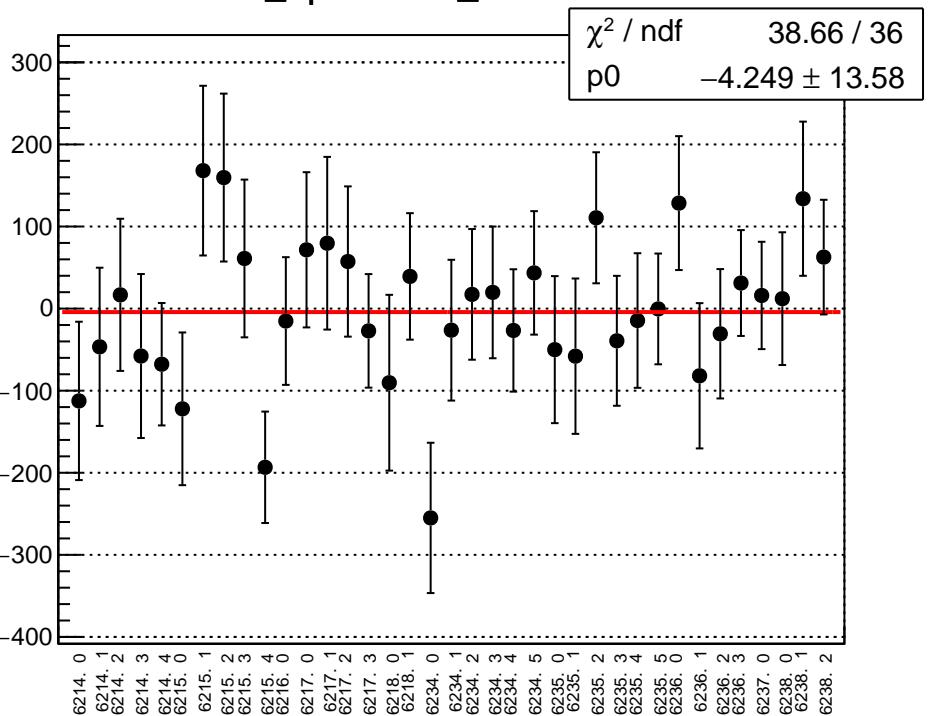
diff_bpm0l07Y_mean vs run



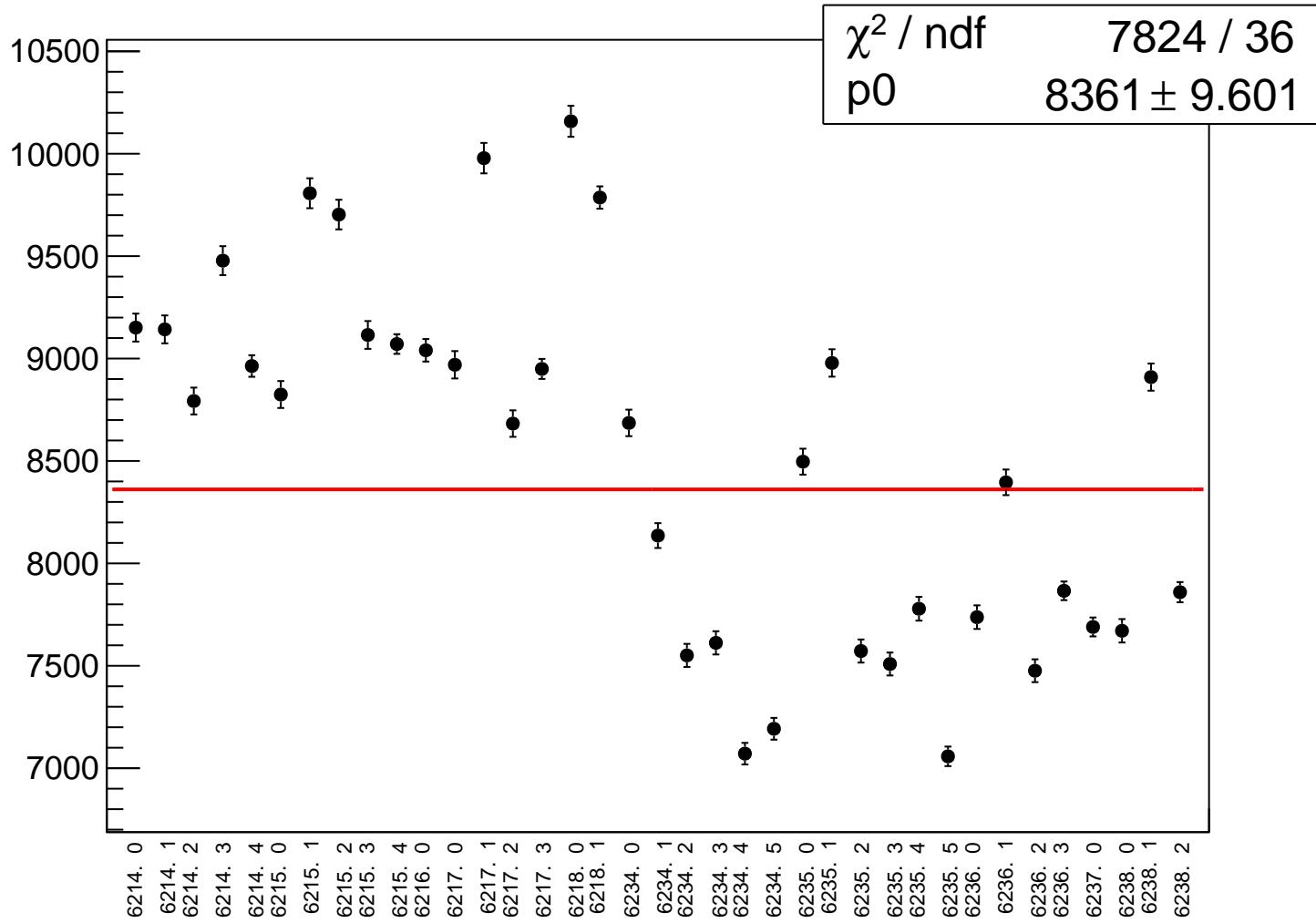
diff_bpm0I07Y_rms vs run



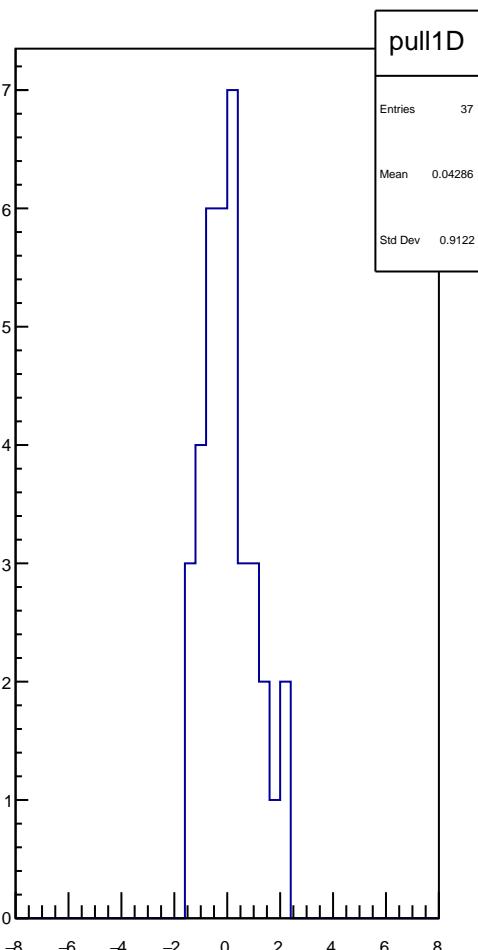
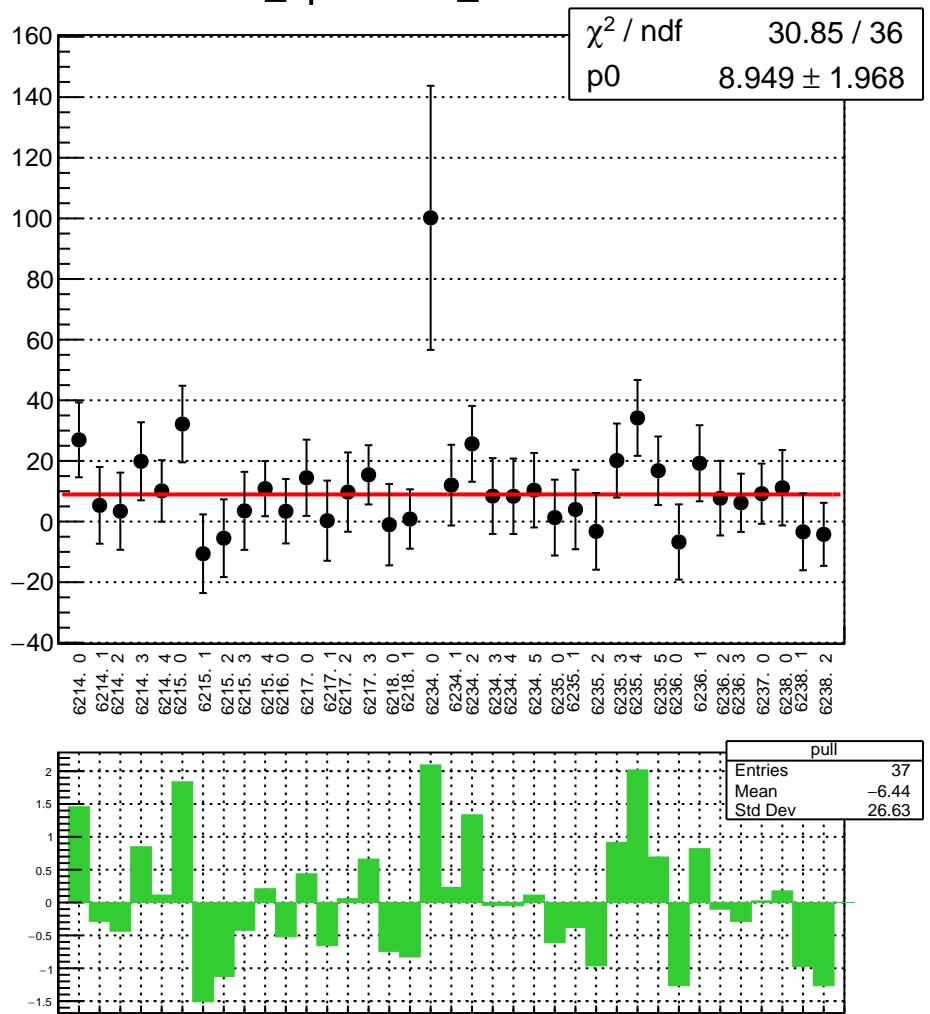
diff_bpm0l08X_mean vs run



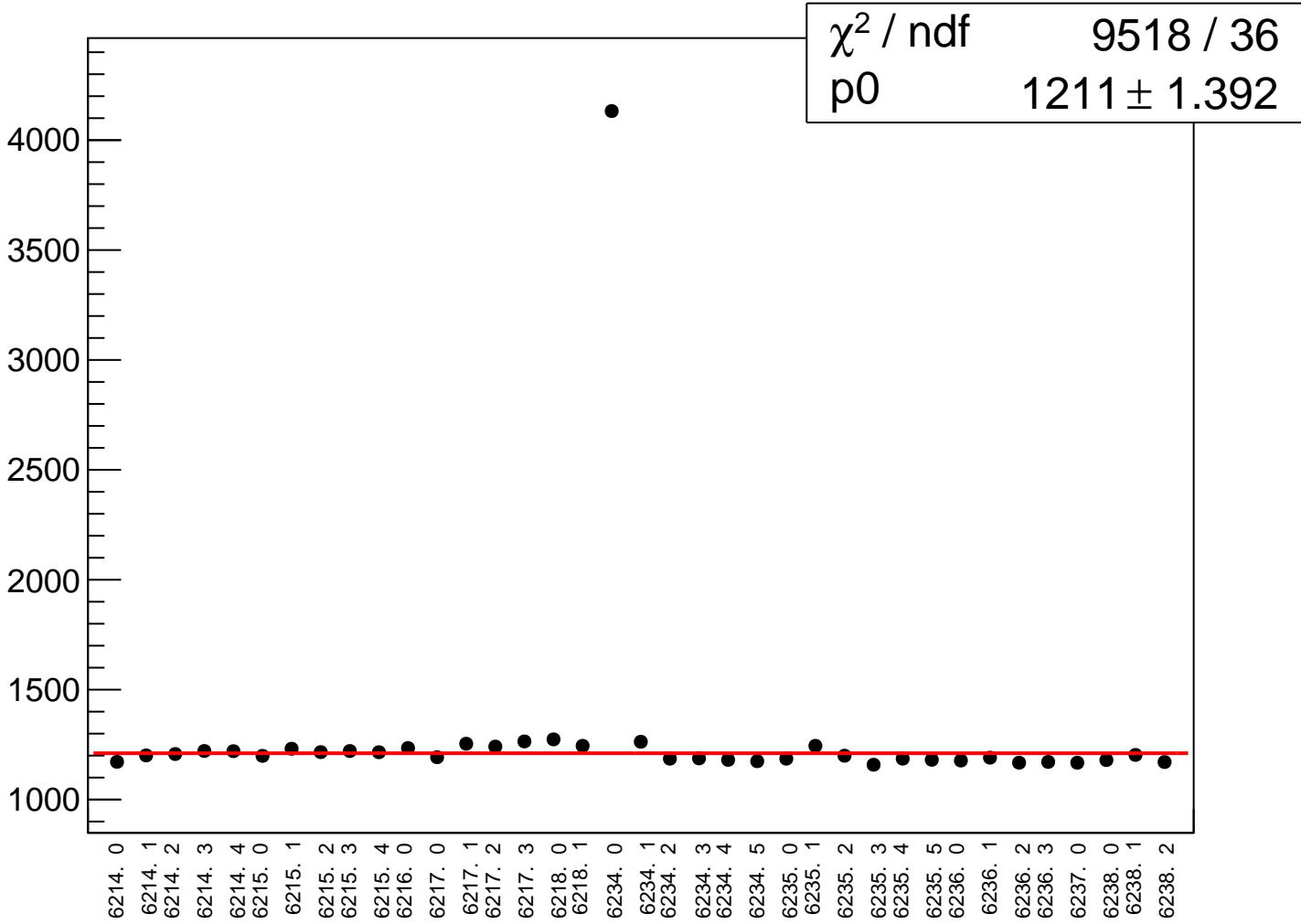
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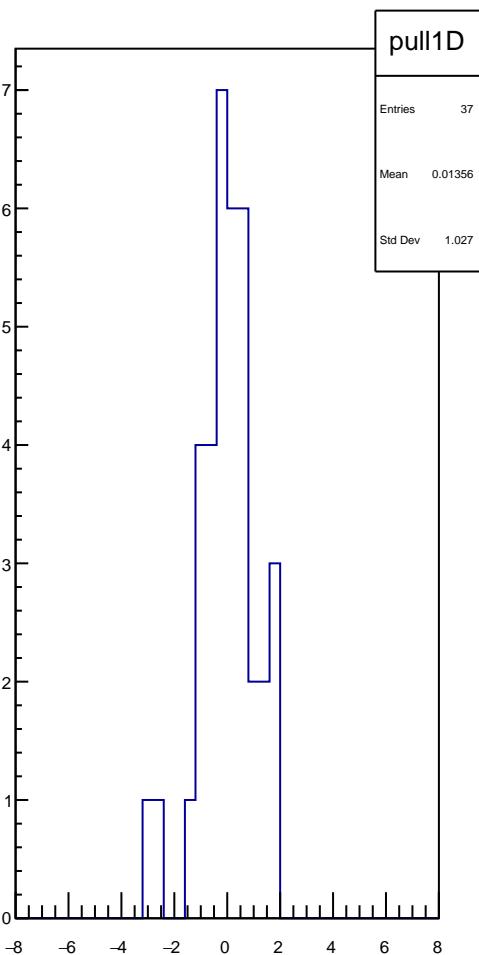
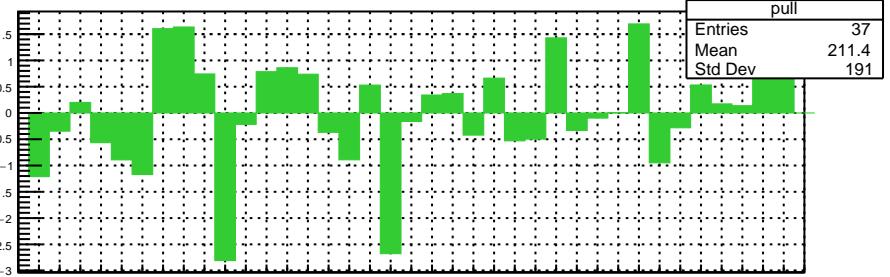
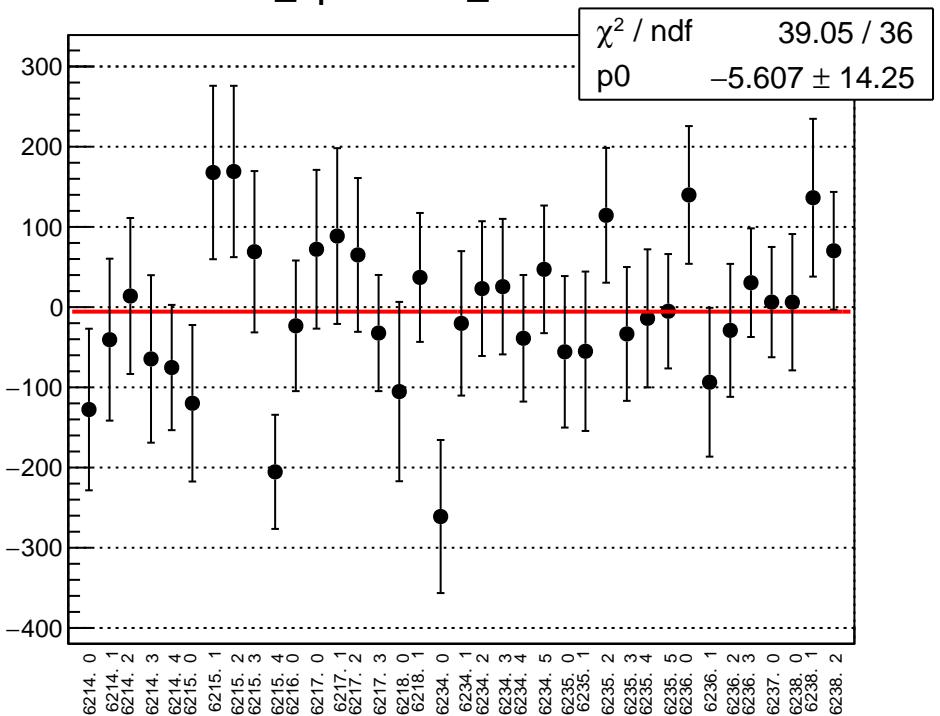
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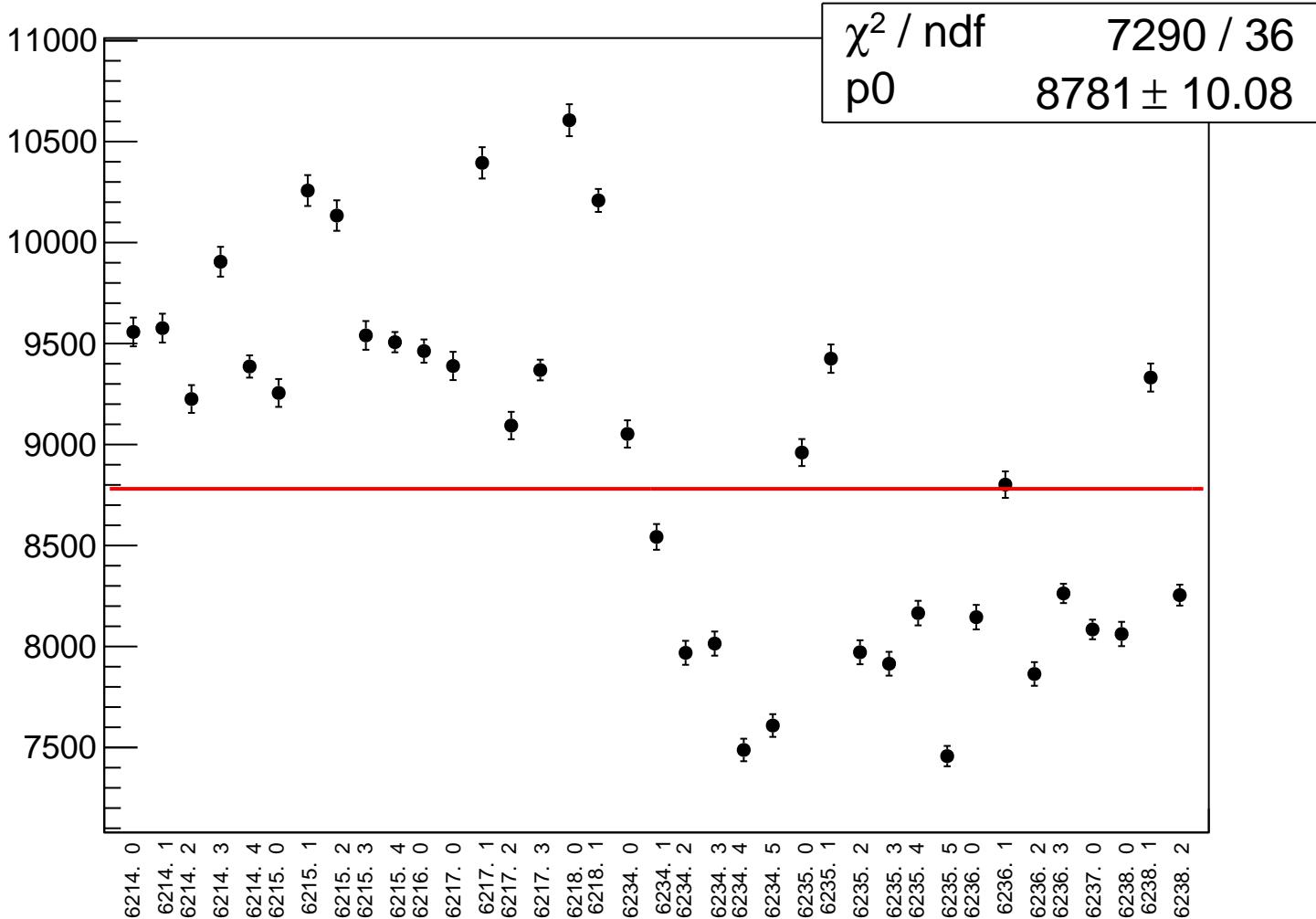
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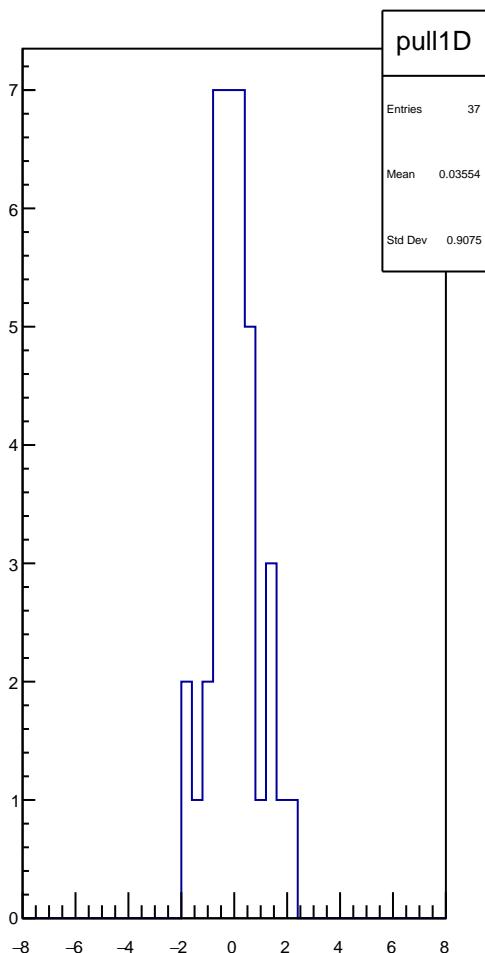
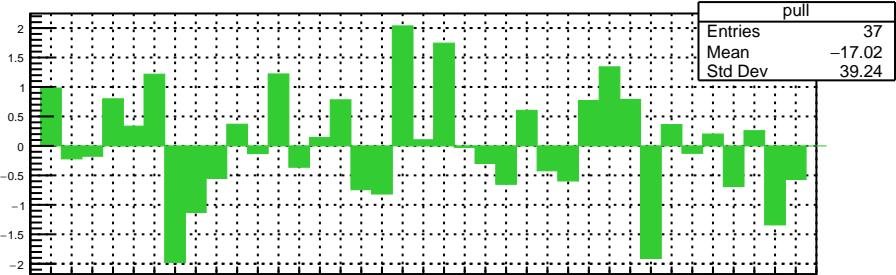
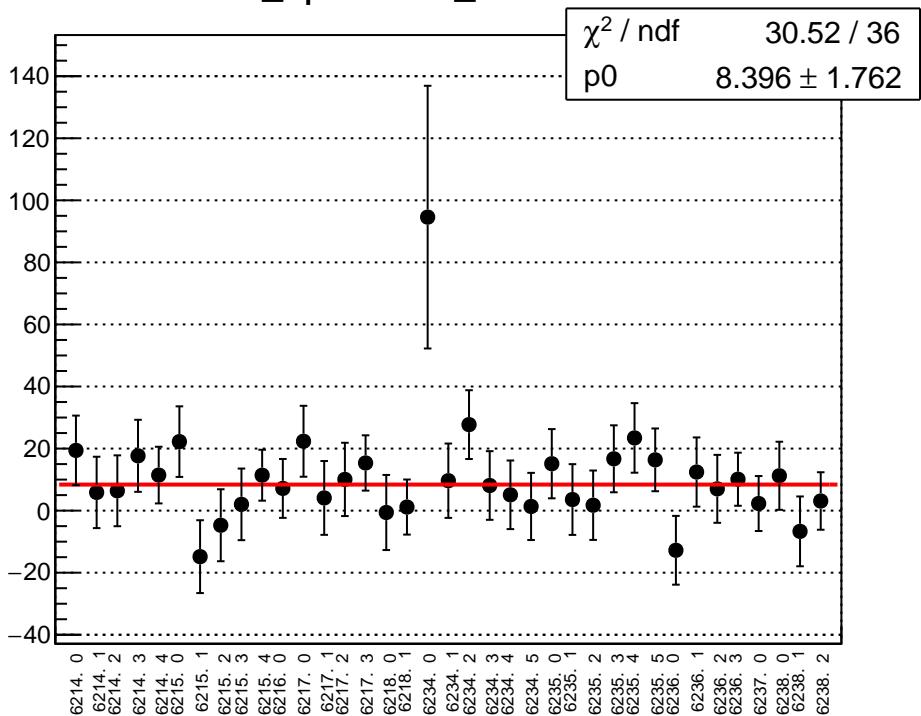
diff_bpm0l09X_mean vs run



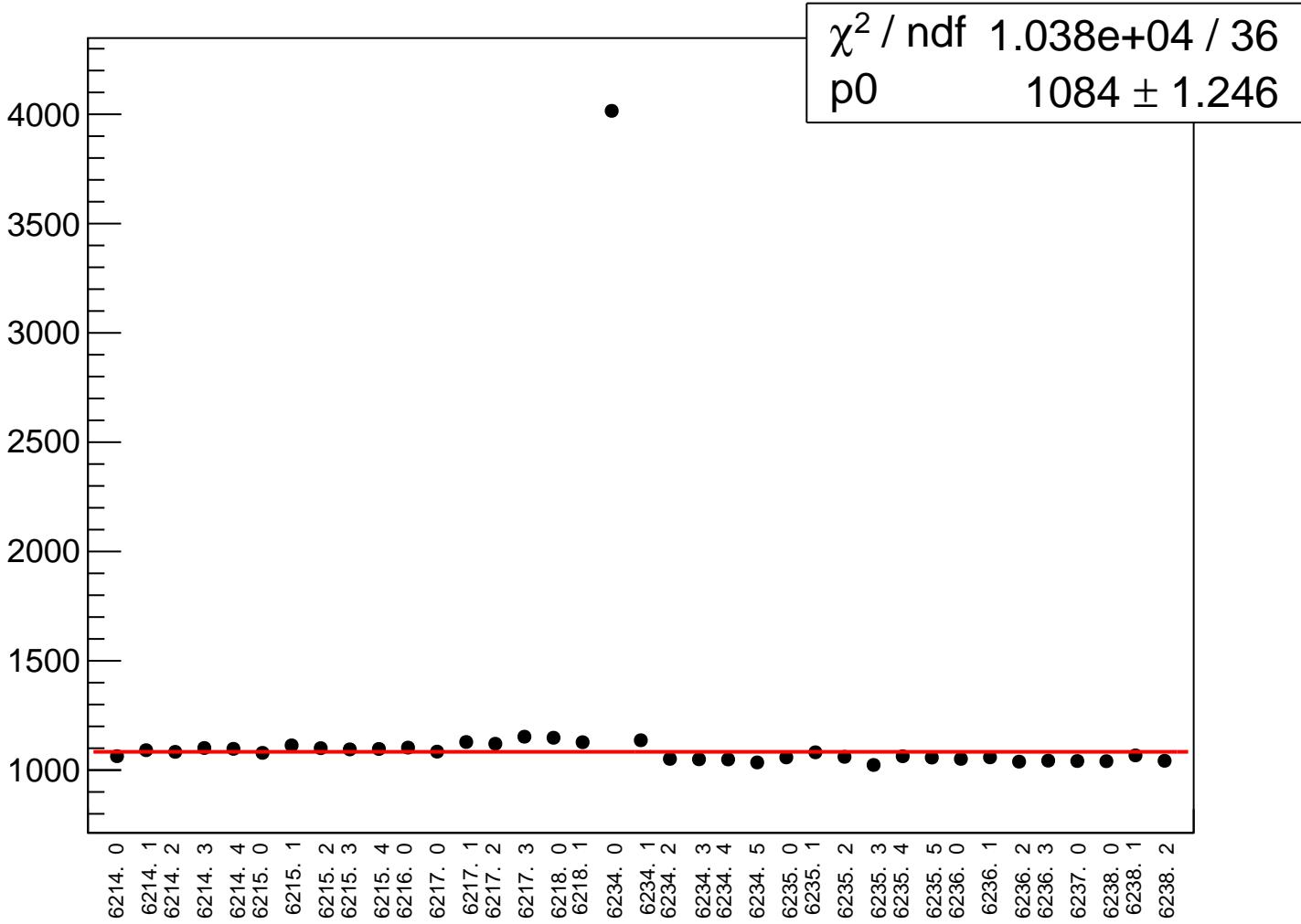
diff_bpm0I09X_rms vs run



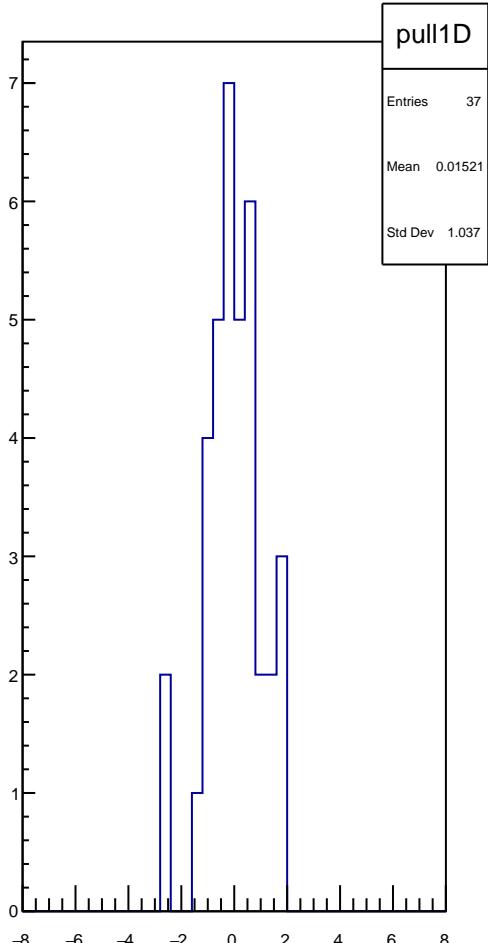
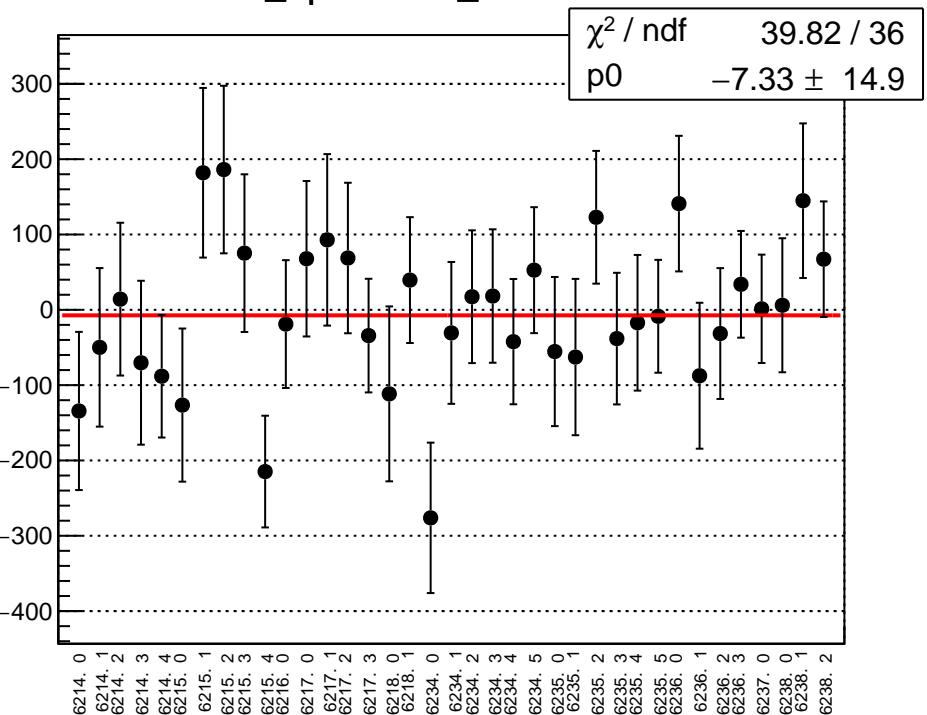
diff_bpm0l09Y_mean vs run



diff_bpm0I09Y_rms vs run



diff_bpm0l10X_mean vs run



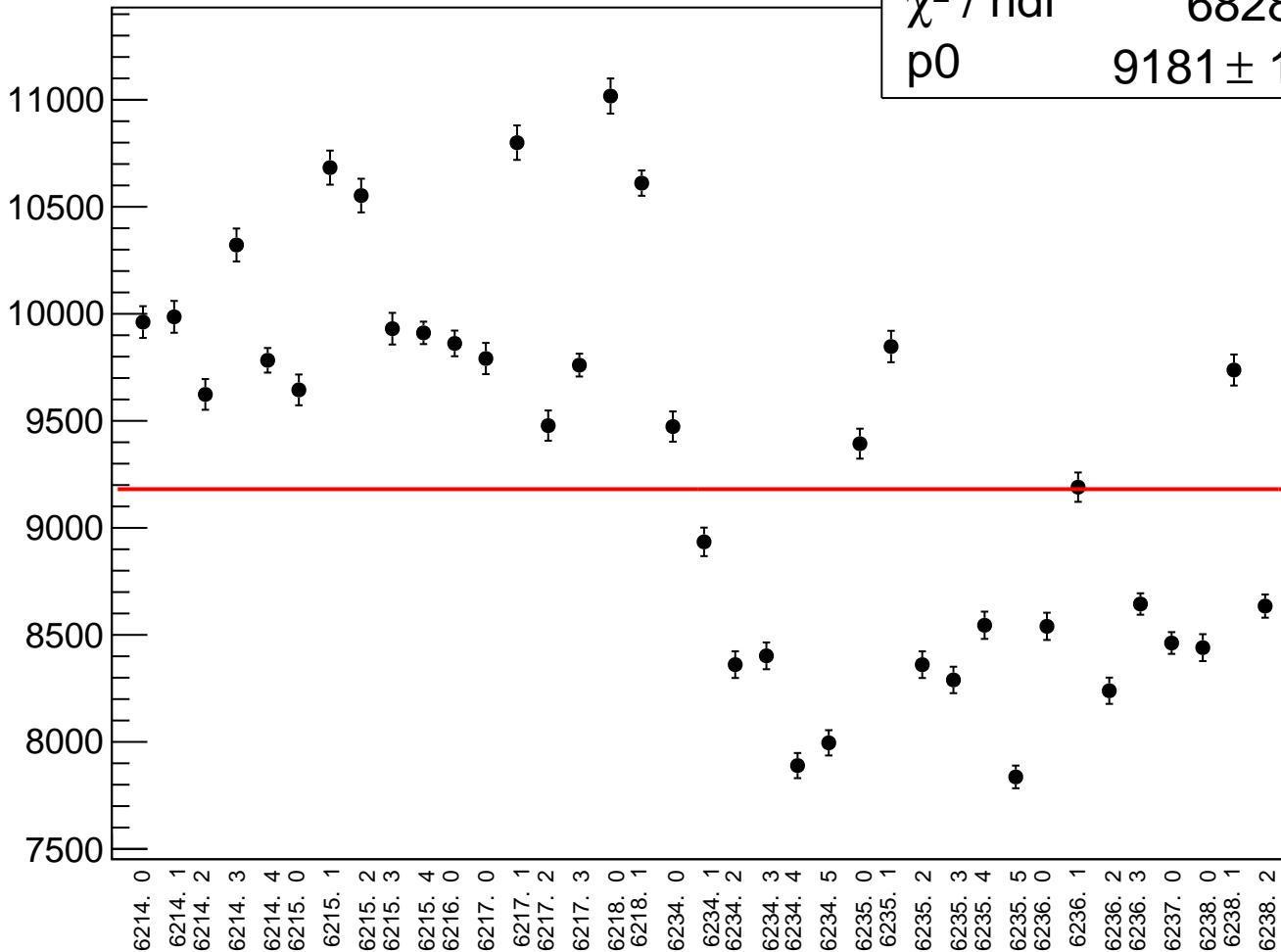
diff_bpm0I10X_rms vs run

χ^2 / ndf

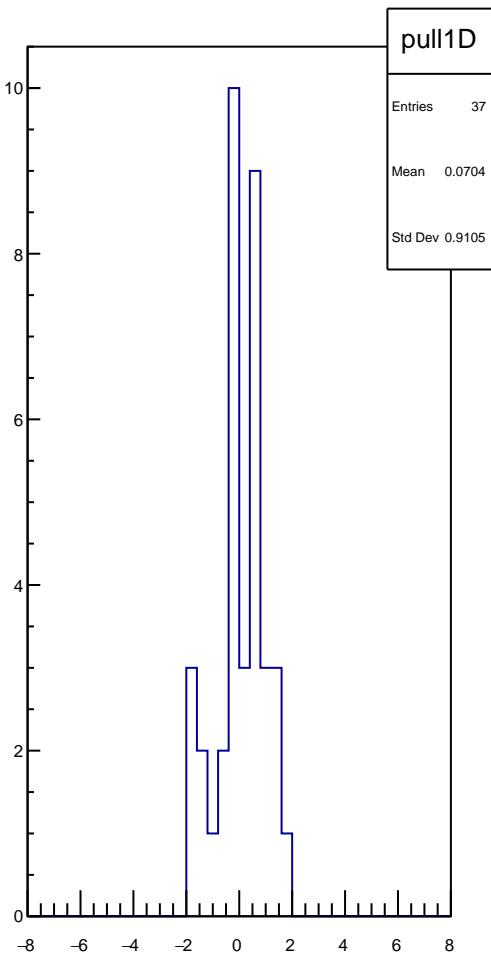
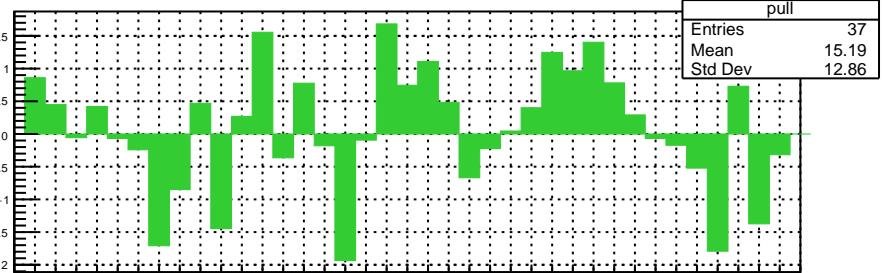
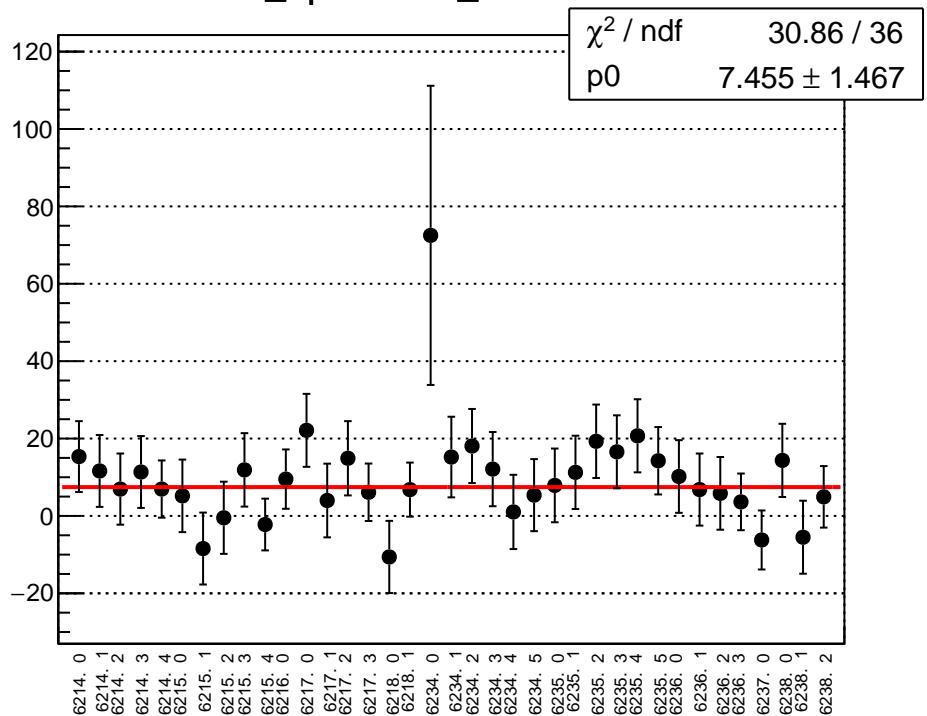
6828 / 36

p0

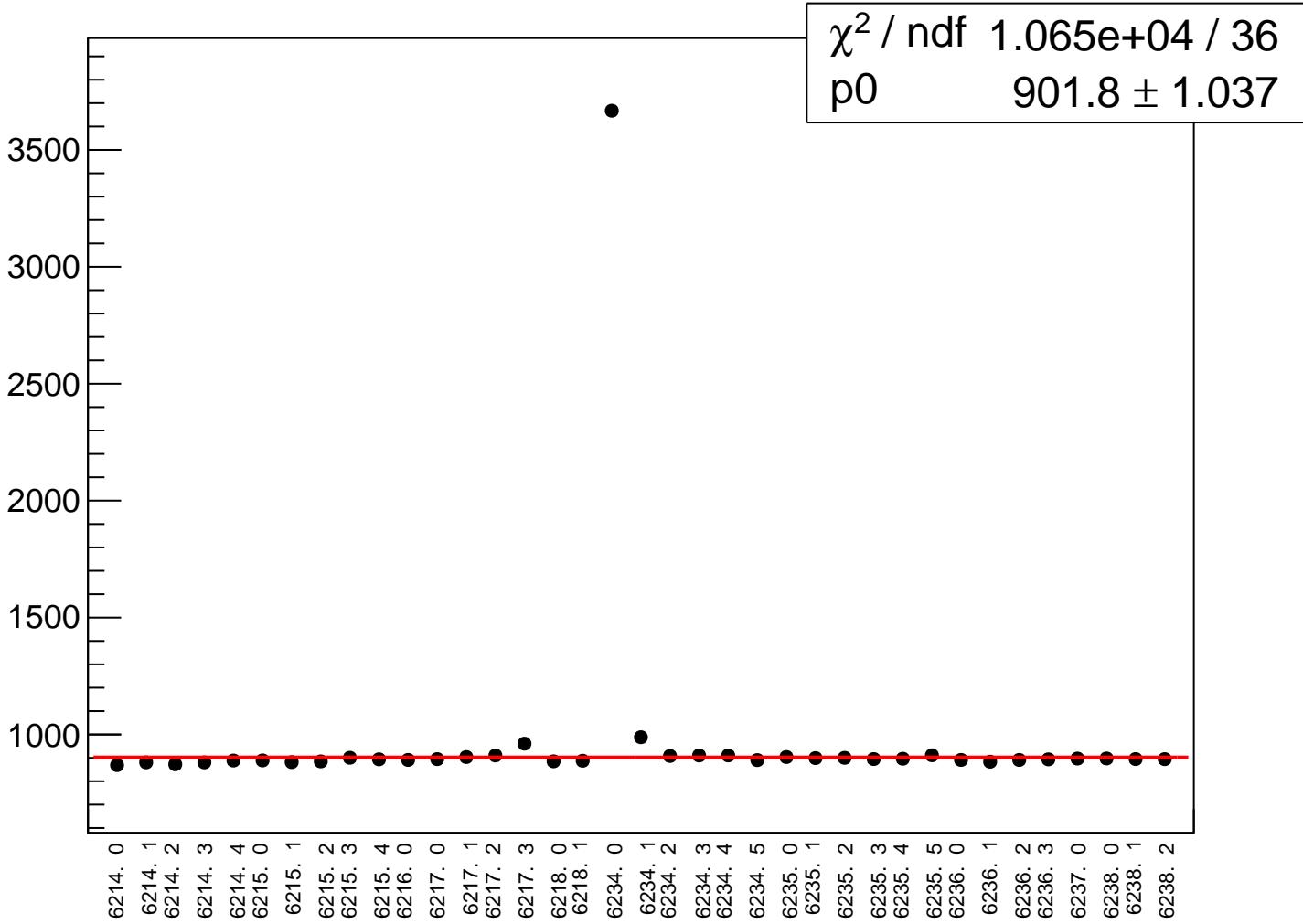
9181 ± 10.53



diff_bpm0I10Y_mean vs run



diff_bpm0I10Y_rms vs run



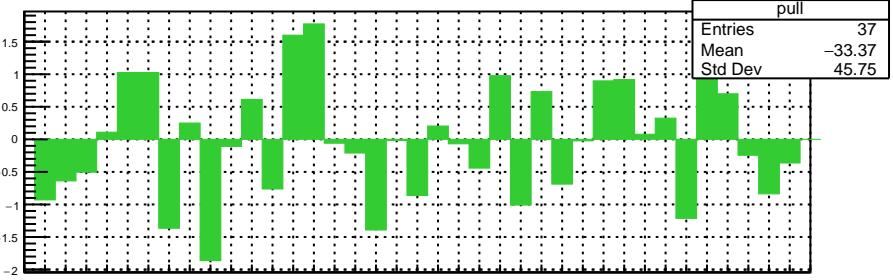
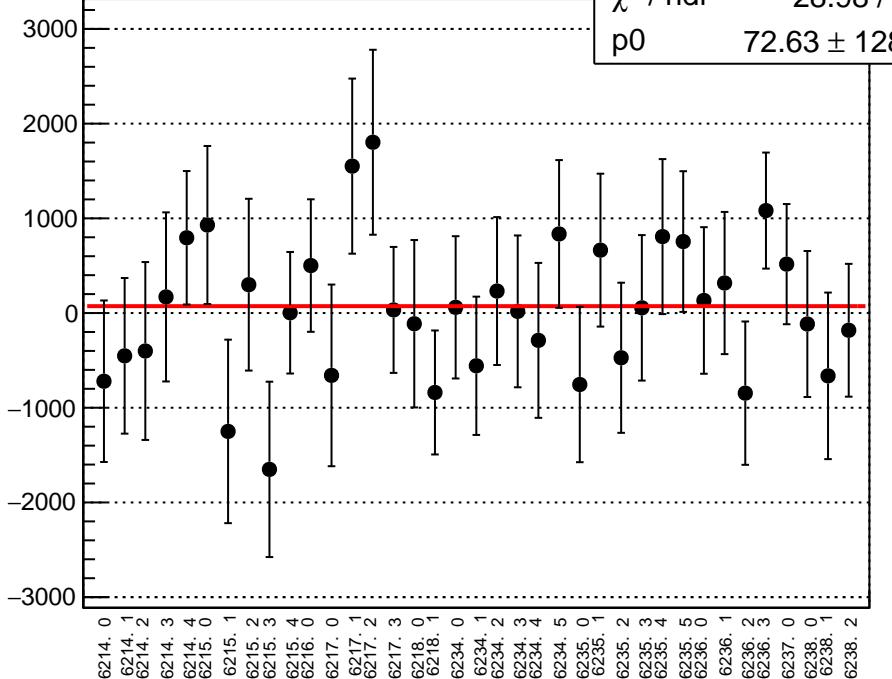
diff_bpm0r03X_mean vs run

χ^2 / ndf

28.98 / 36

p0

72.63 ± 128.3

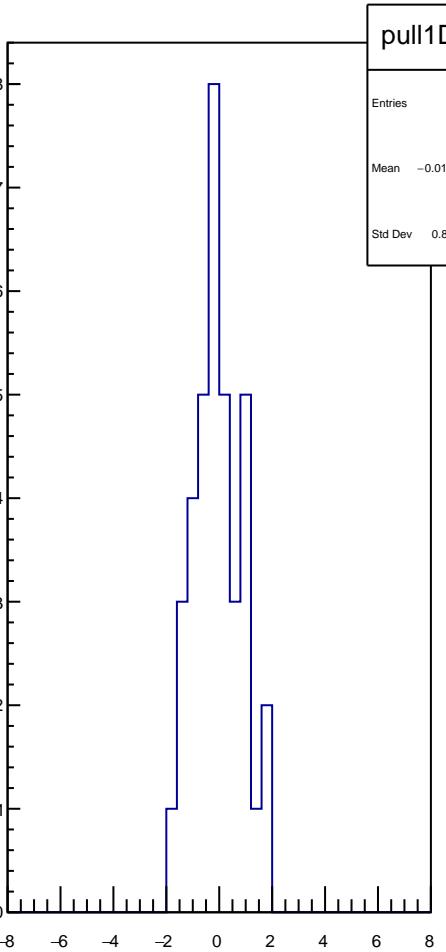


pull1D

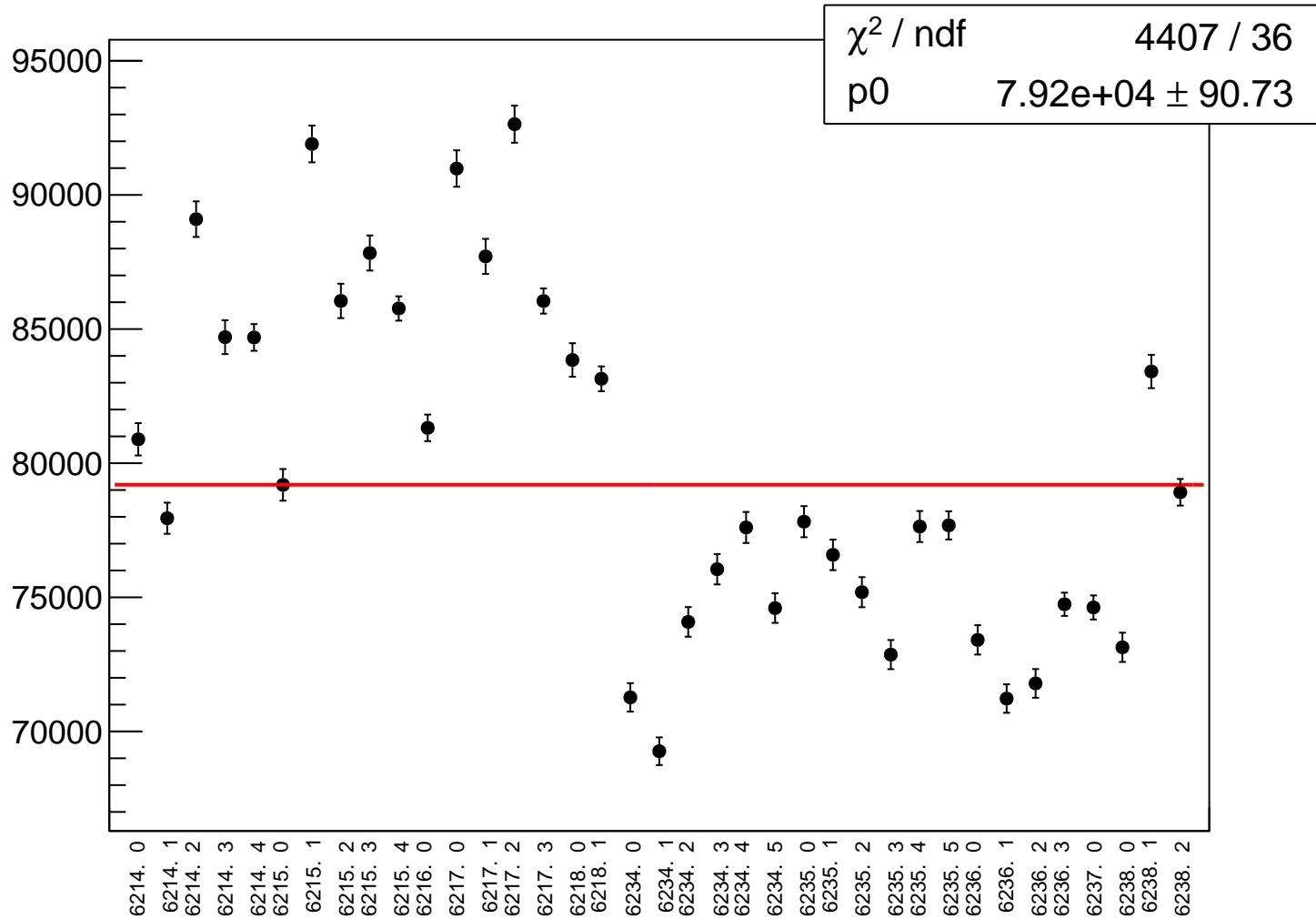
Entries 37

Mean -0.01945

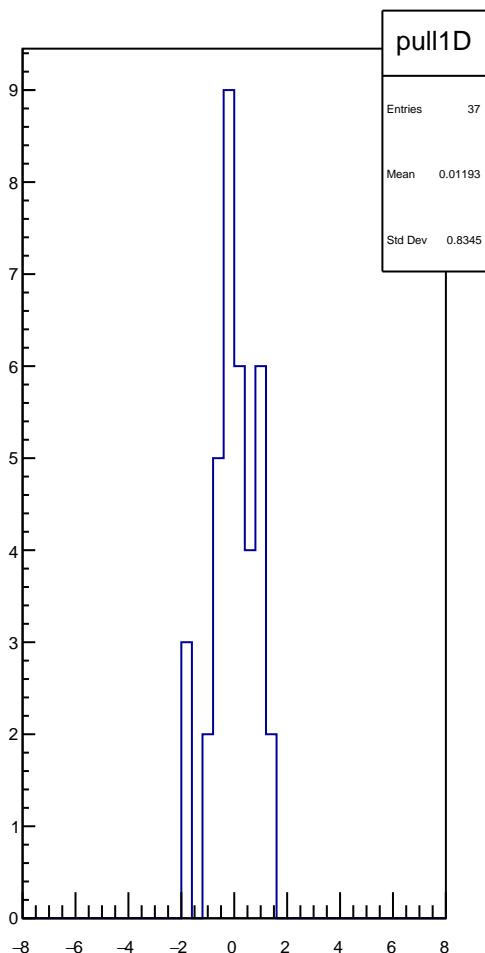
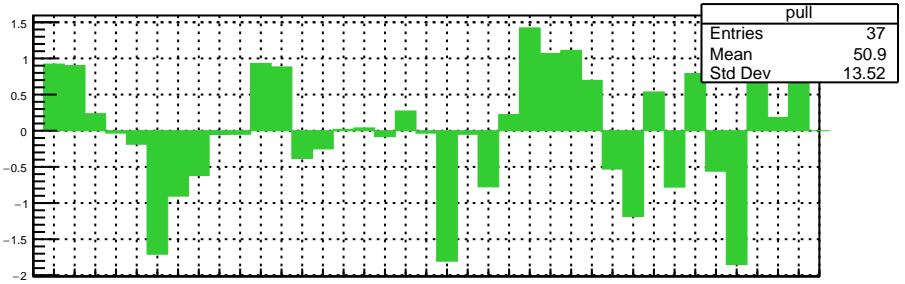
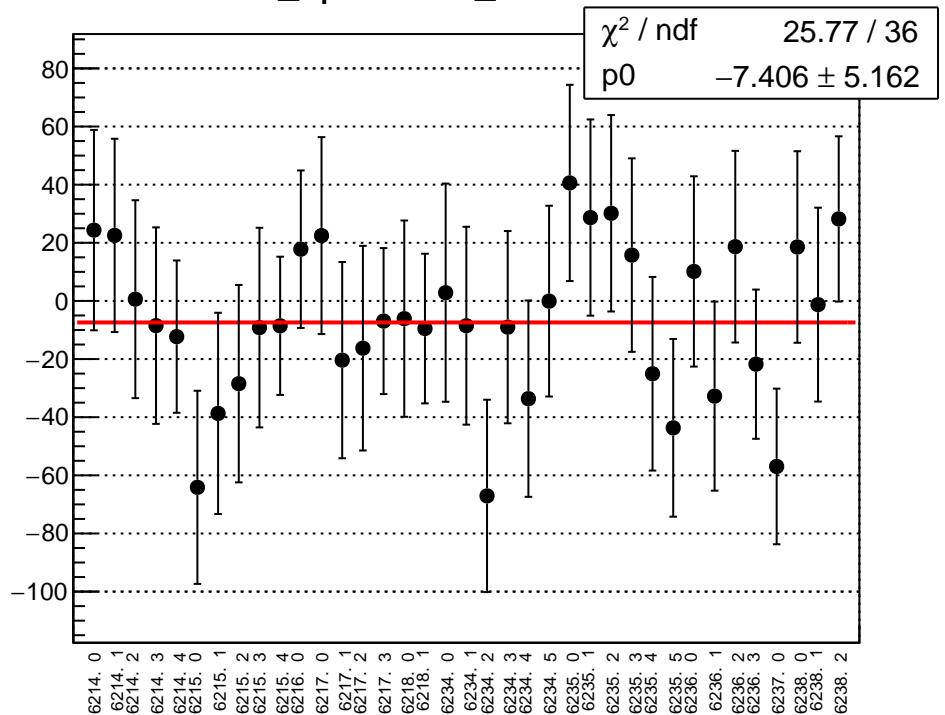
Std Dev 0.8849



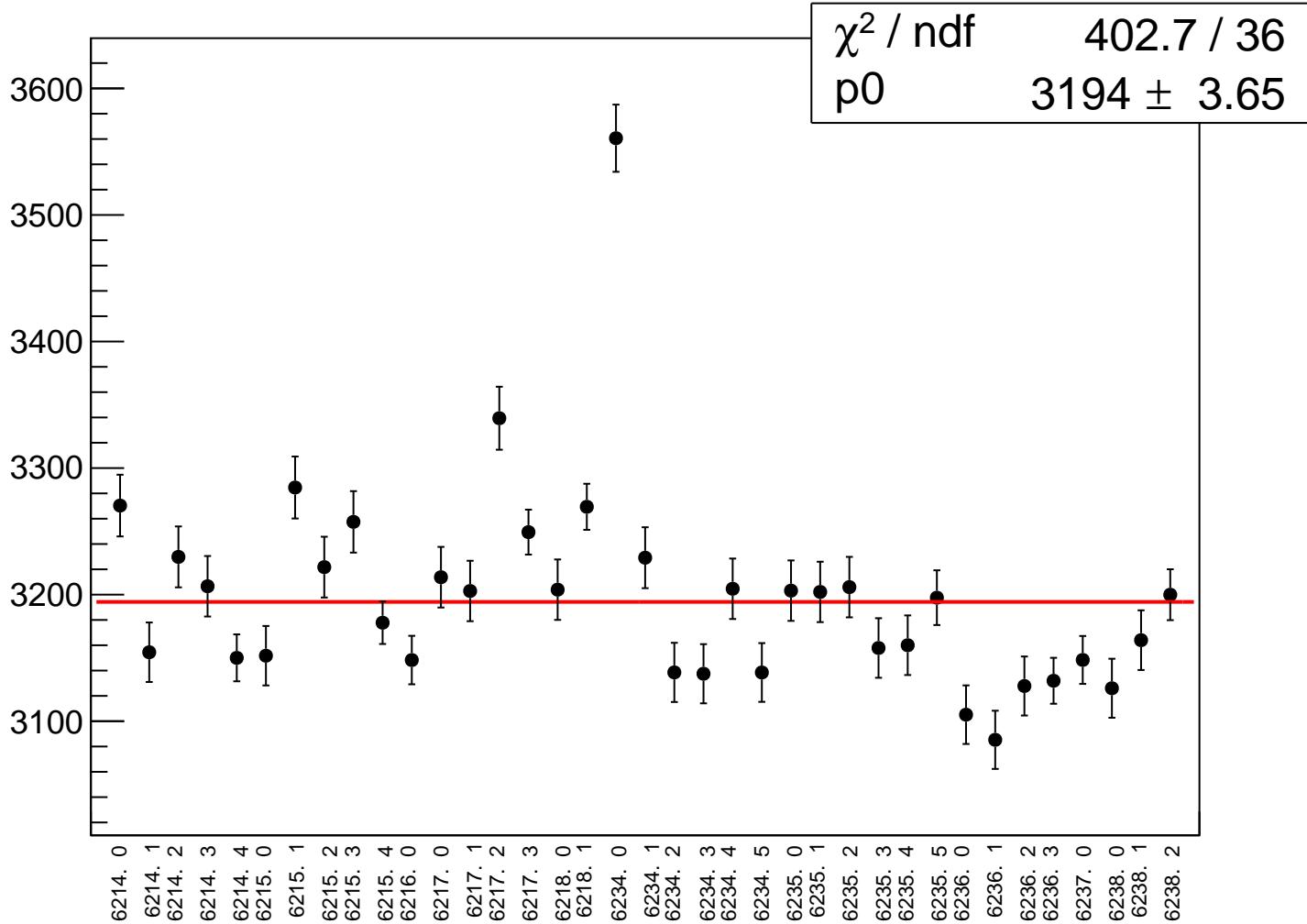
diff_bpm0r03X_rms vs run



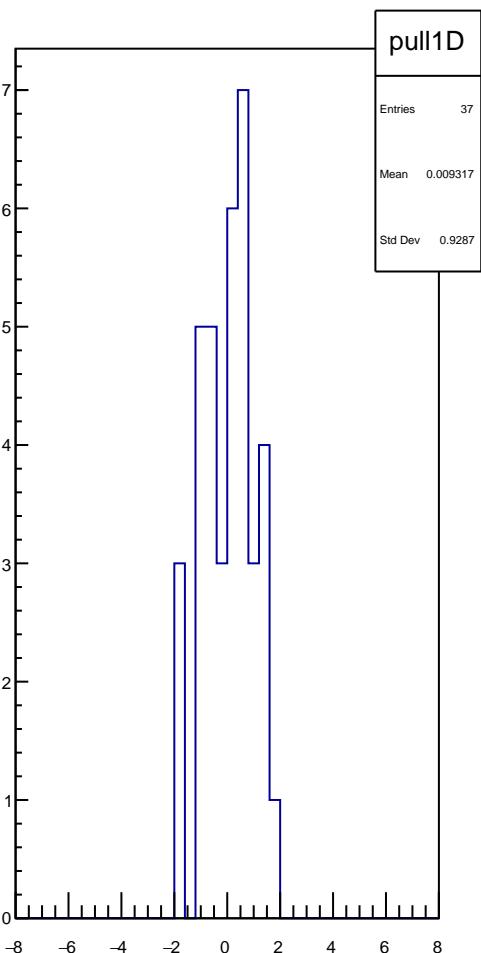
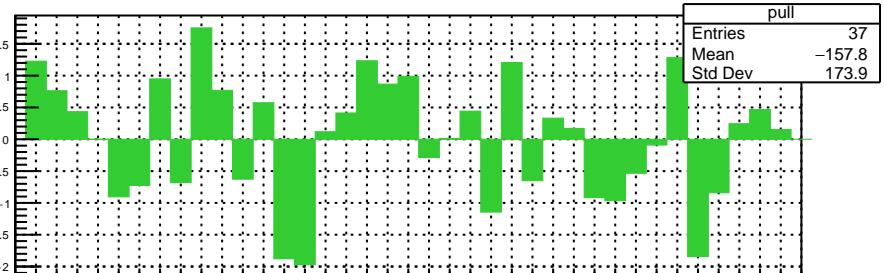
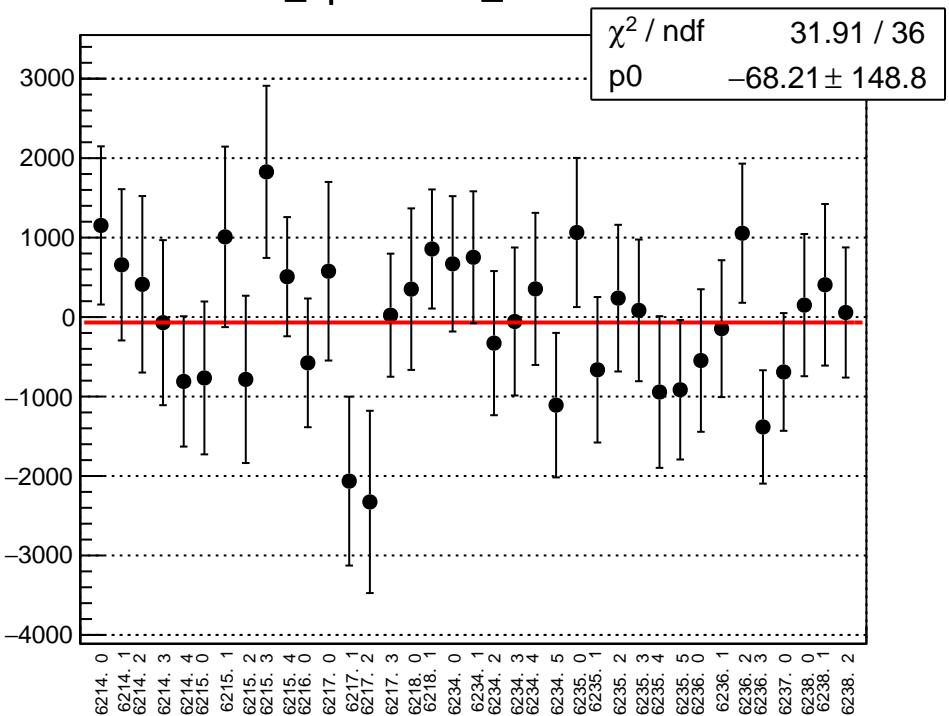
diff_bpm0r03Y_mean vs run



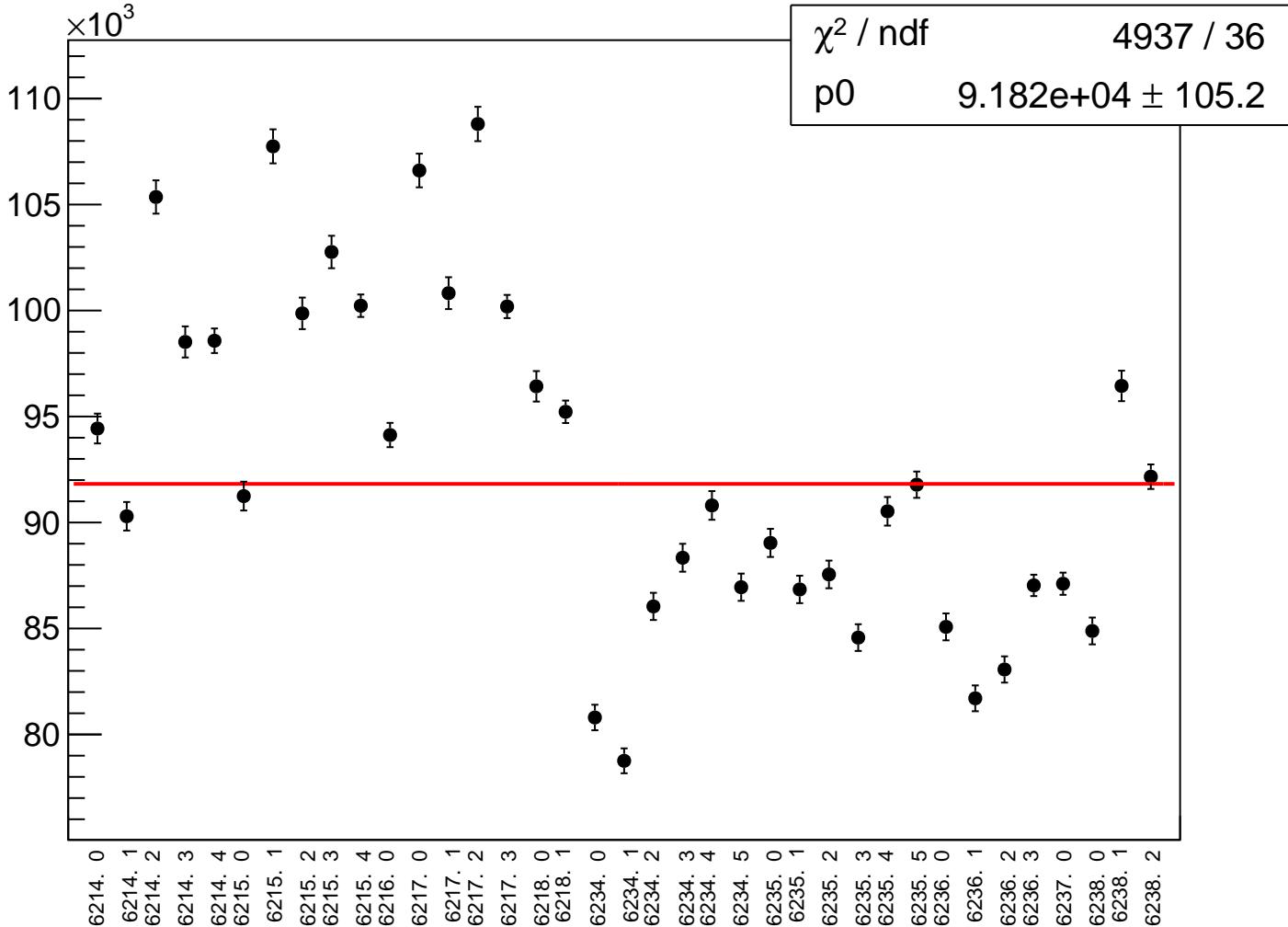
diff_bpm0r03Y_rms vs run



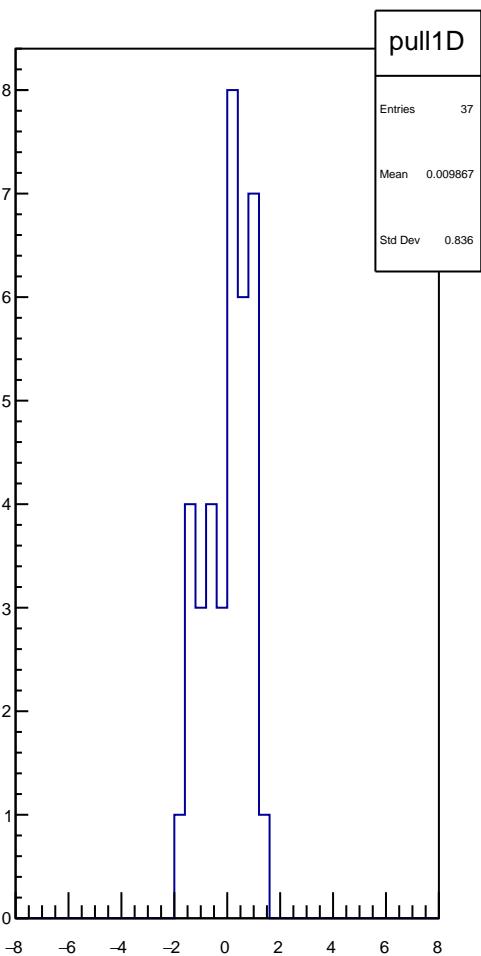
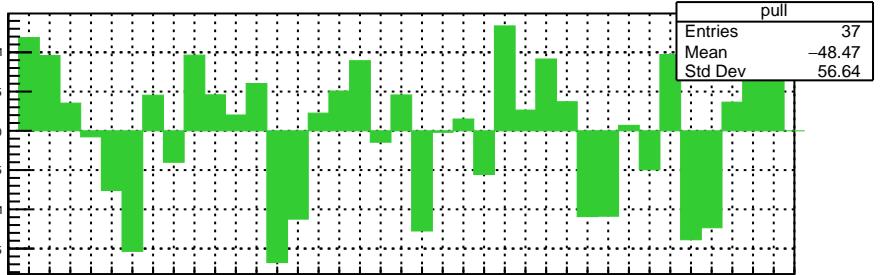
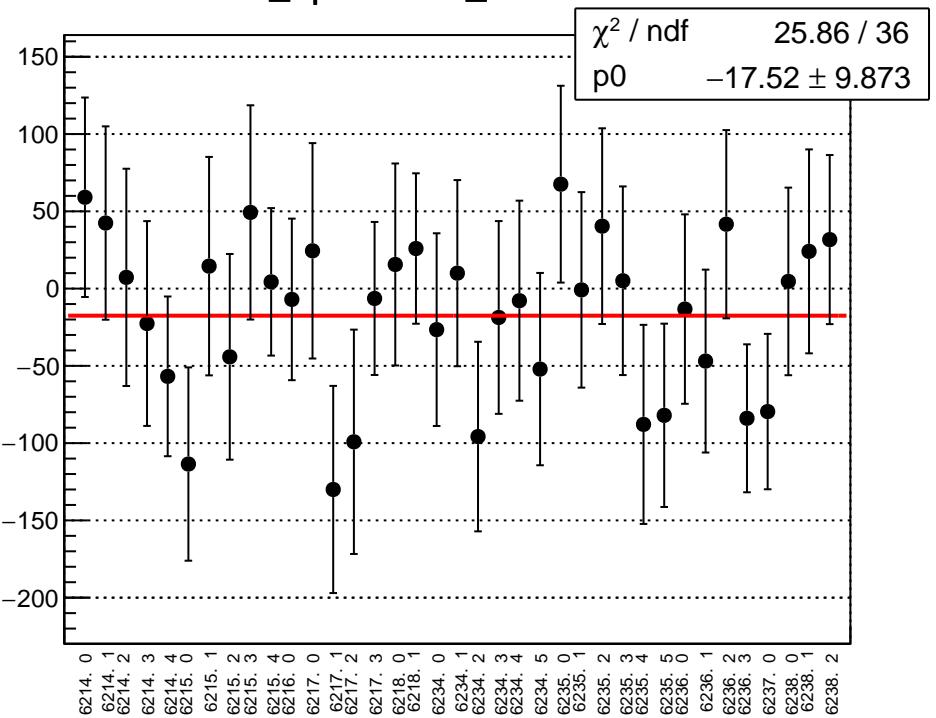
diff_bpm0r05X_mean vs run



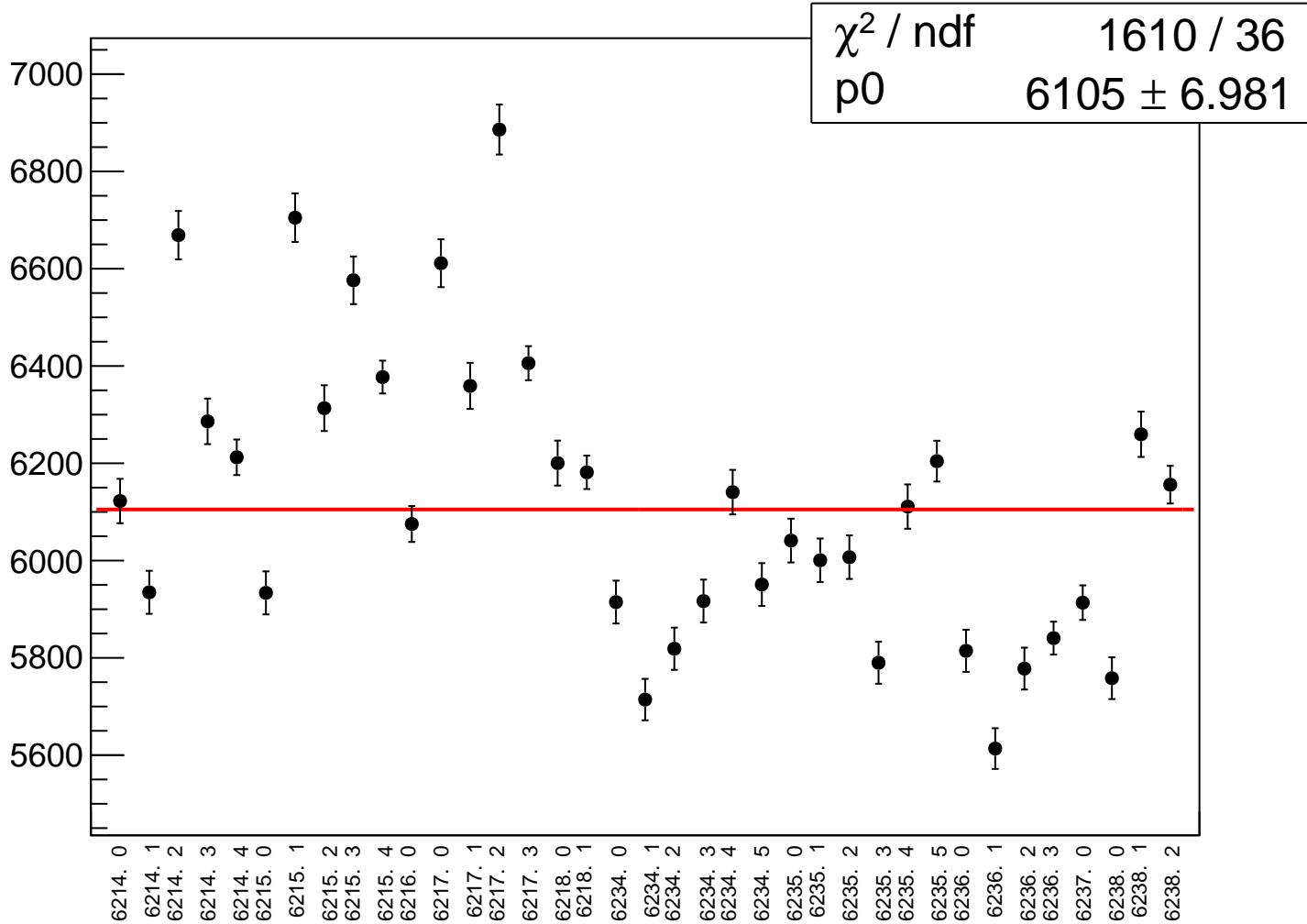
diff_bpm0r05X_rms vs run



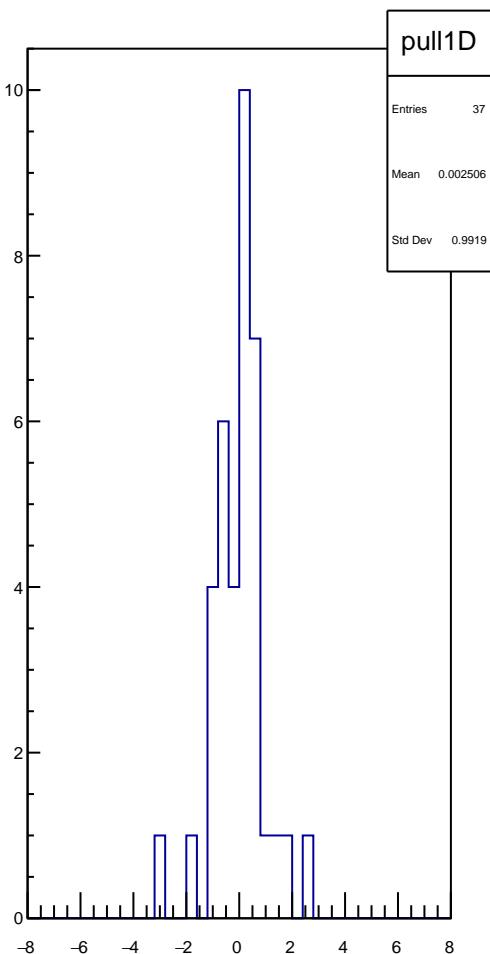
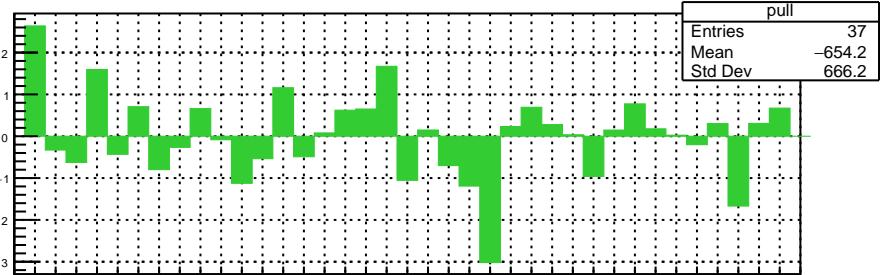
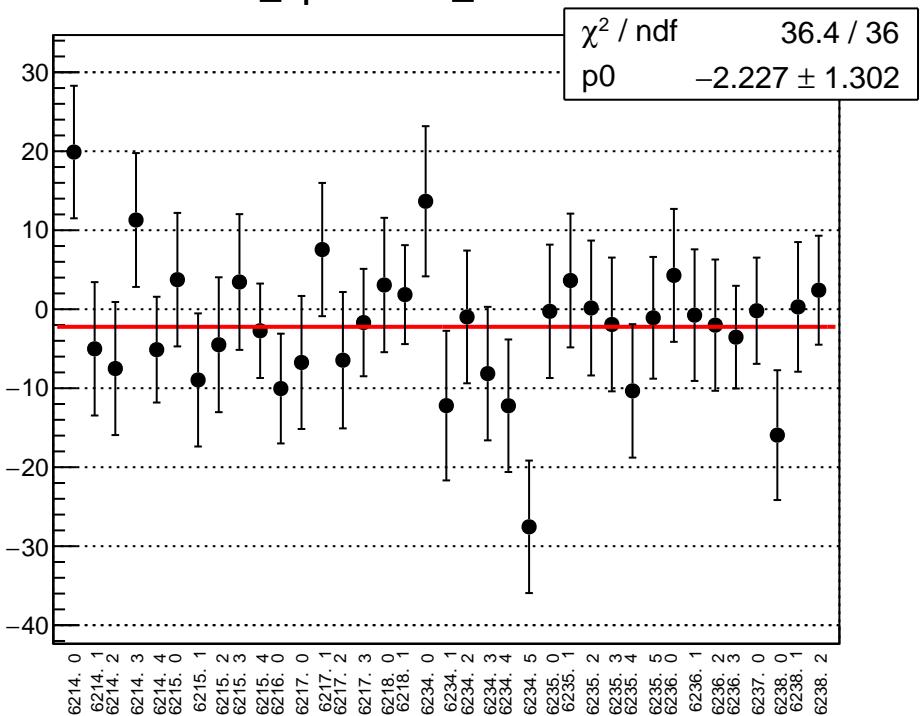
diff_bpm0r05Y_mean vs run



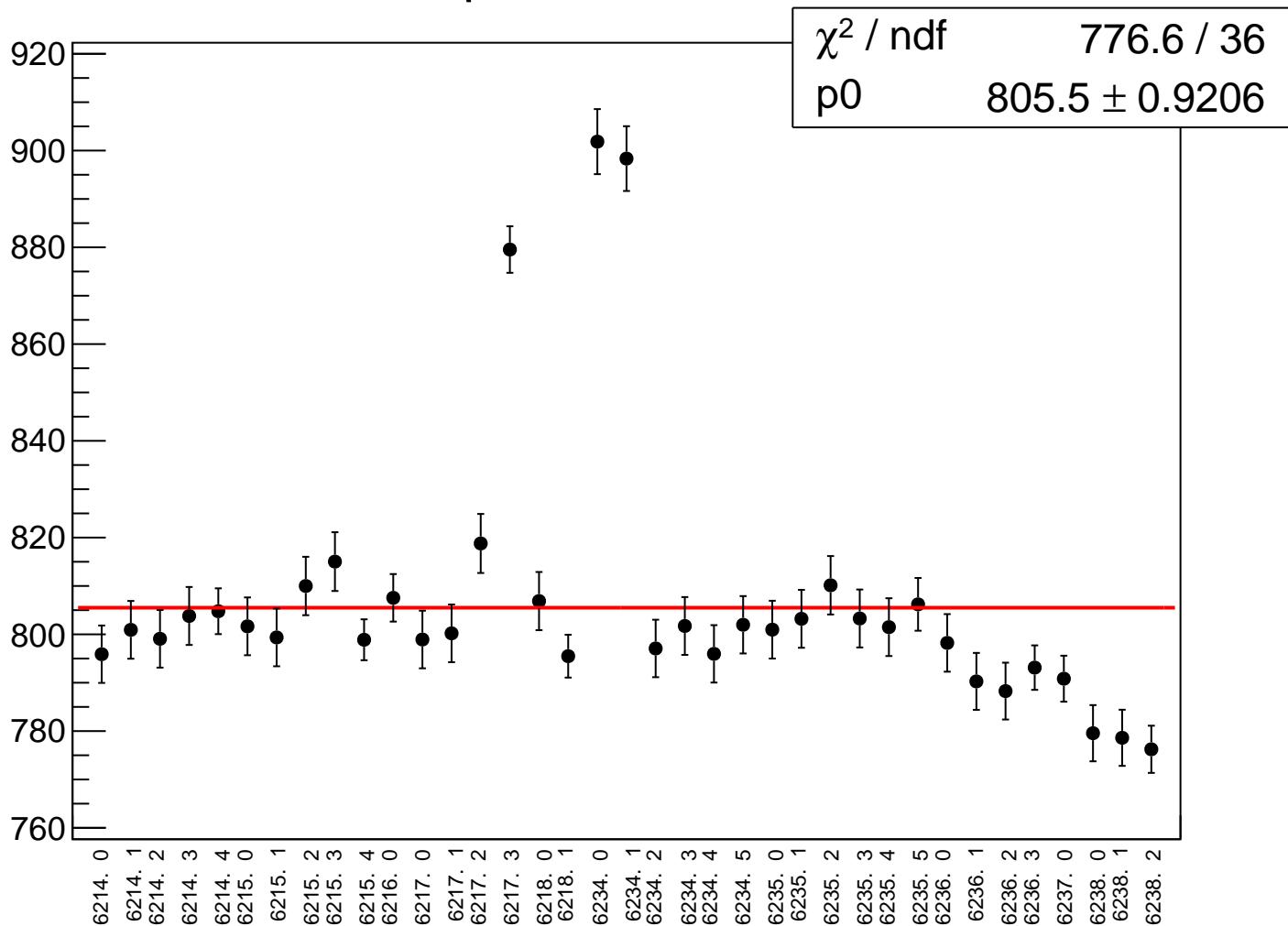
diff_bpm0r05Y_rms vs run



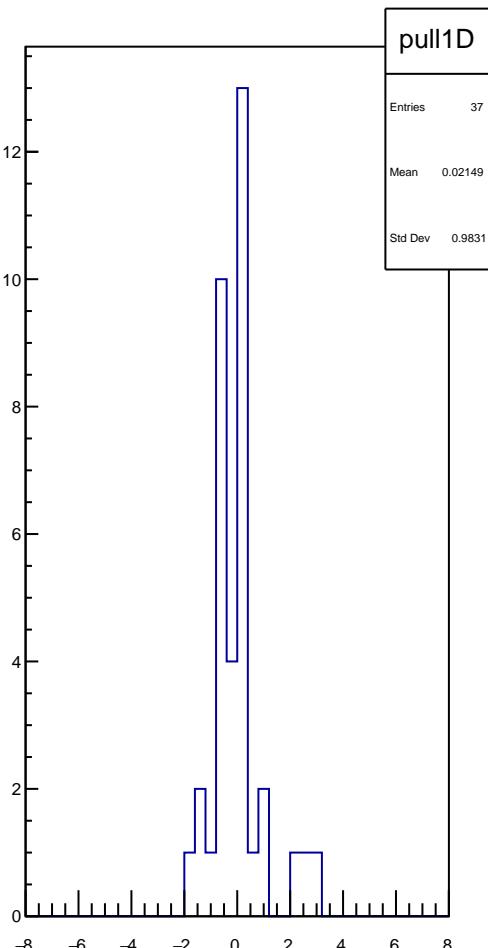
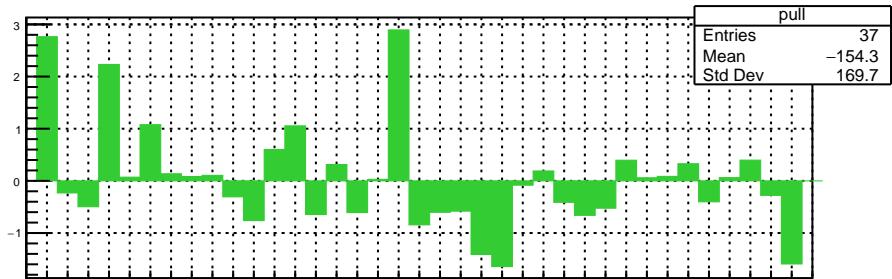
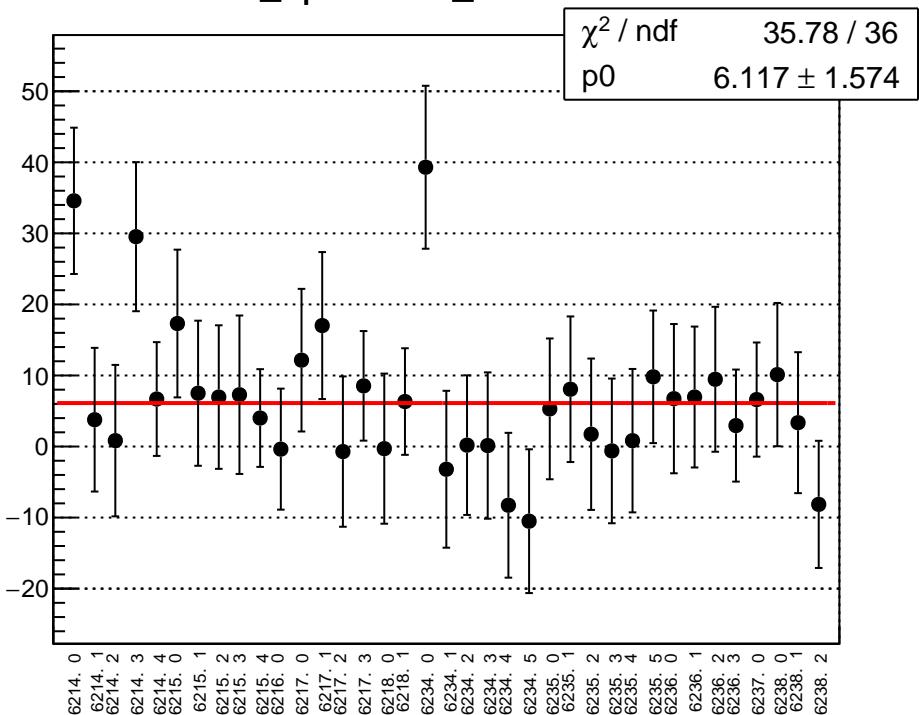
diff_bpm2i01X_mean vs run



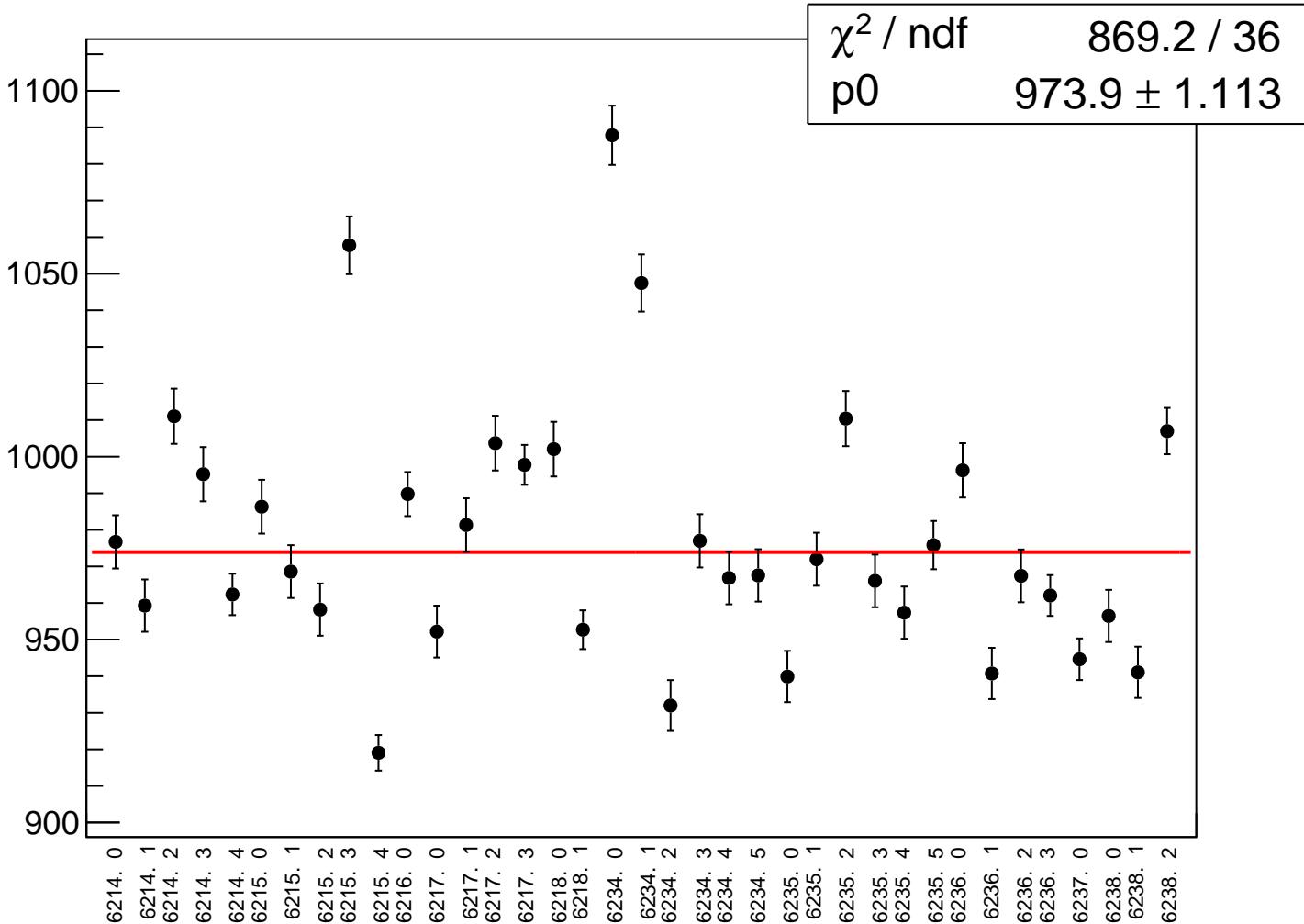
diff_bpm2i01X_rms vs run



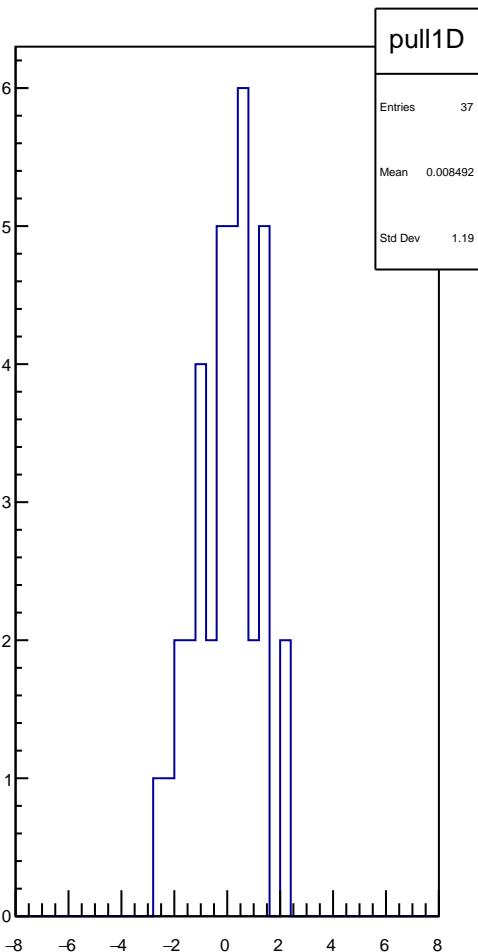
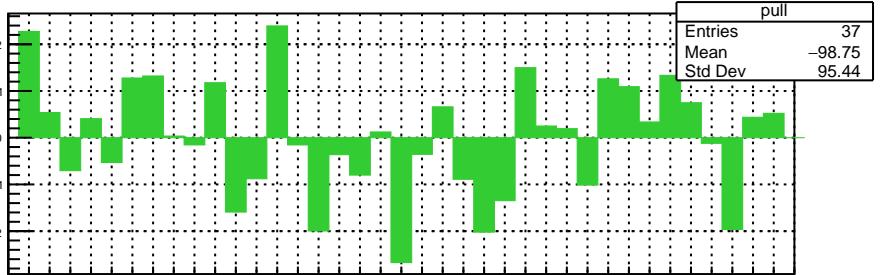
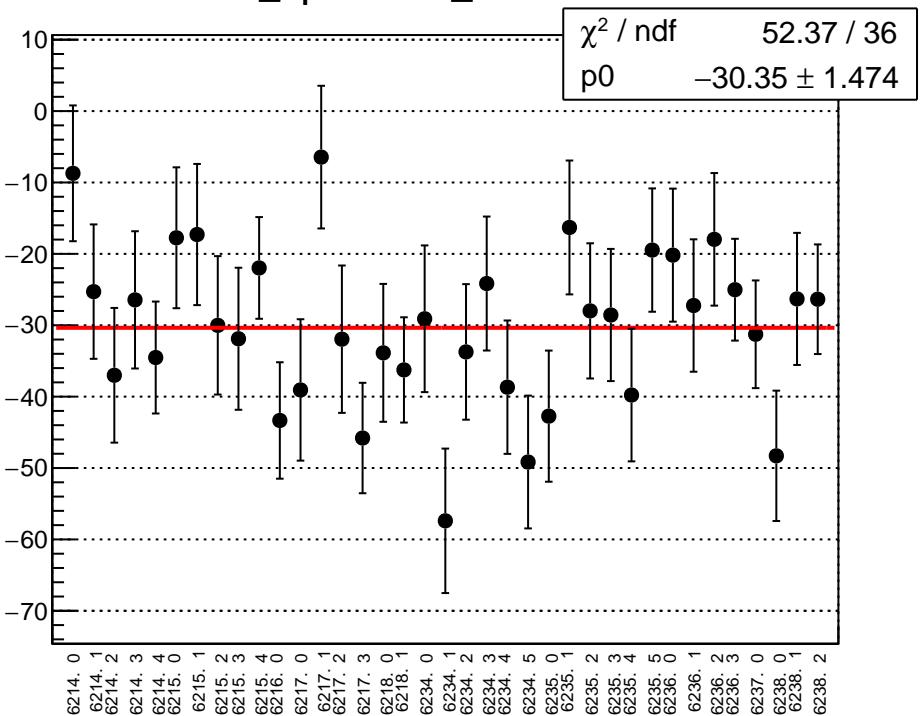
diff_bpm2i01Y_mean vs run



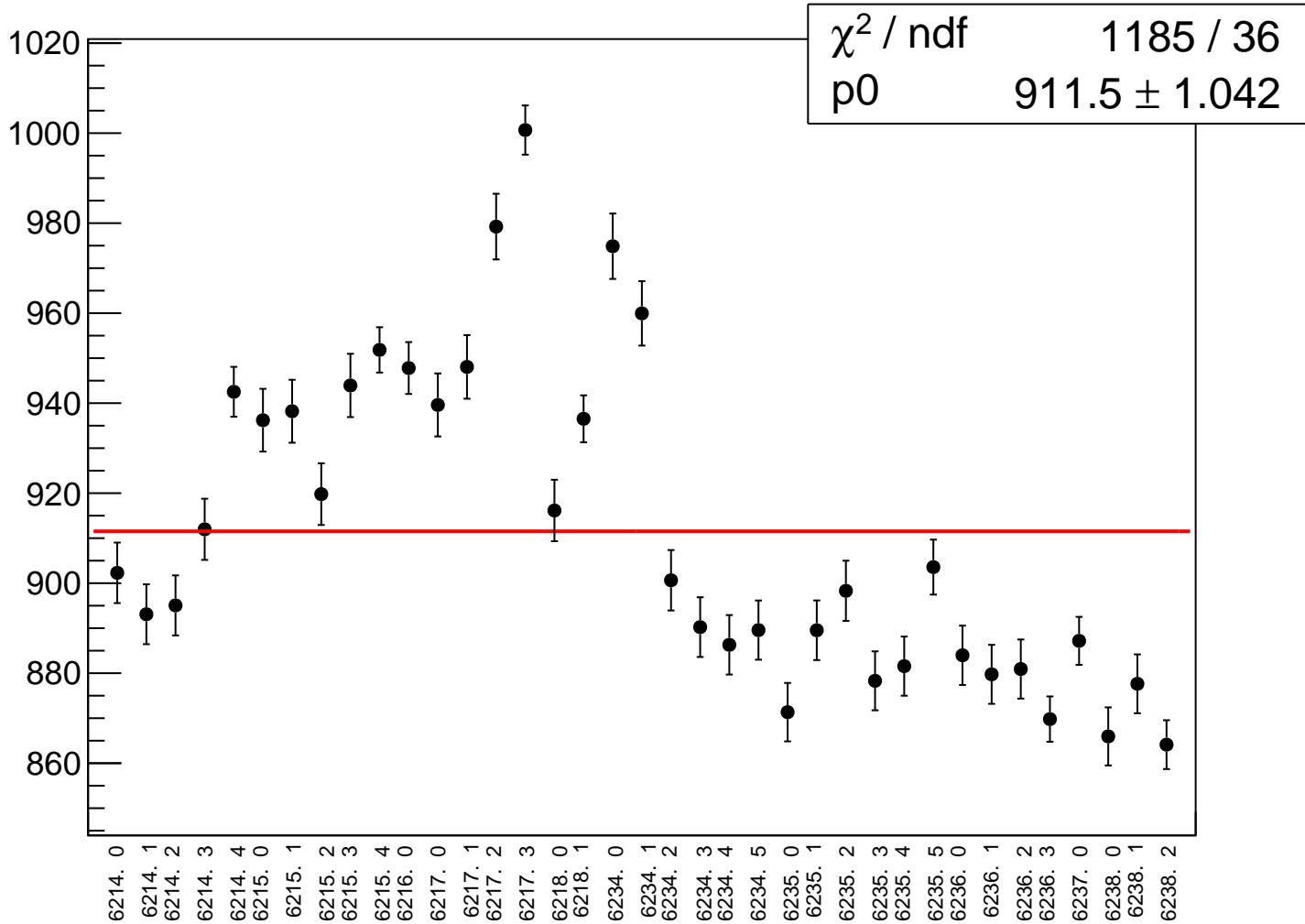
diff_bpm2i01Y_rms vs run



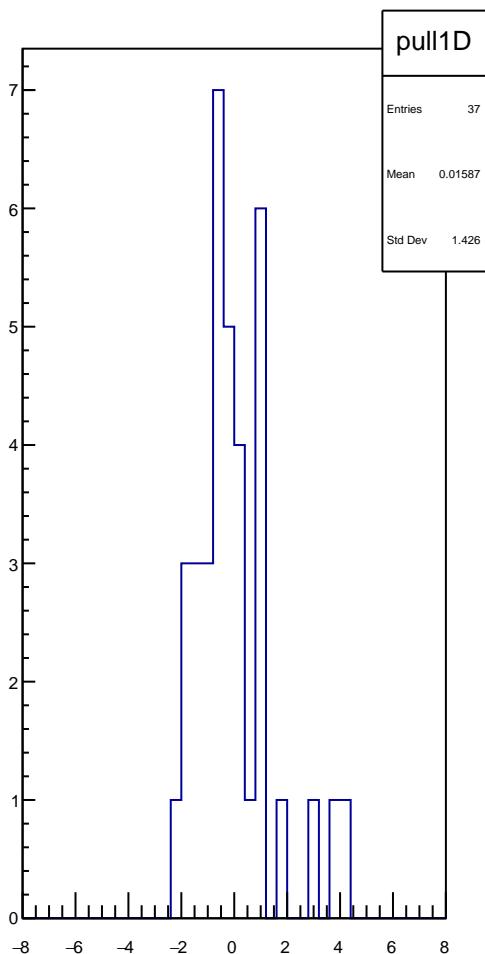
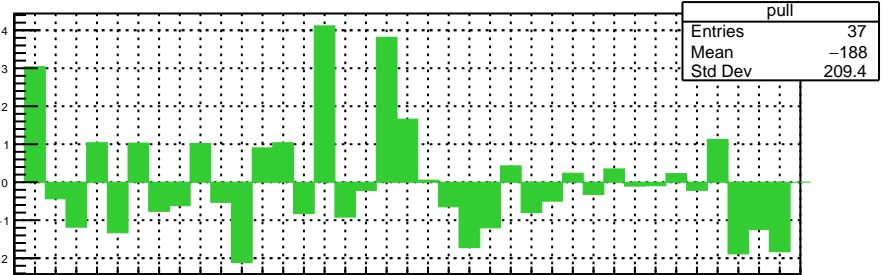
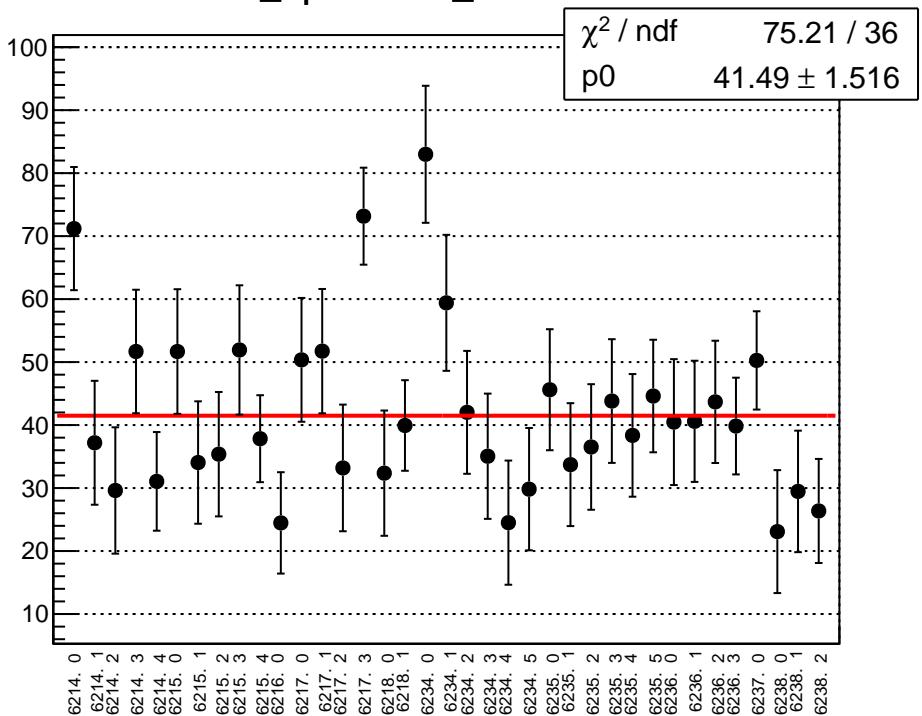
diff_bpm2i02X_mean vs run



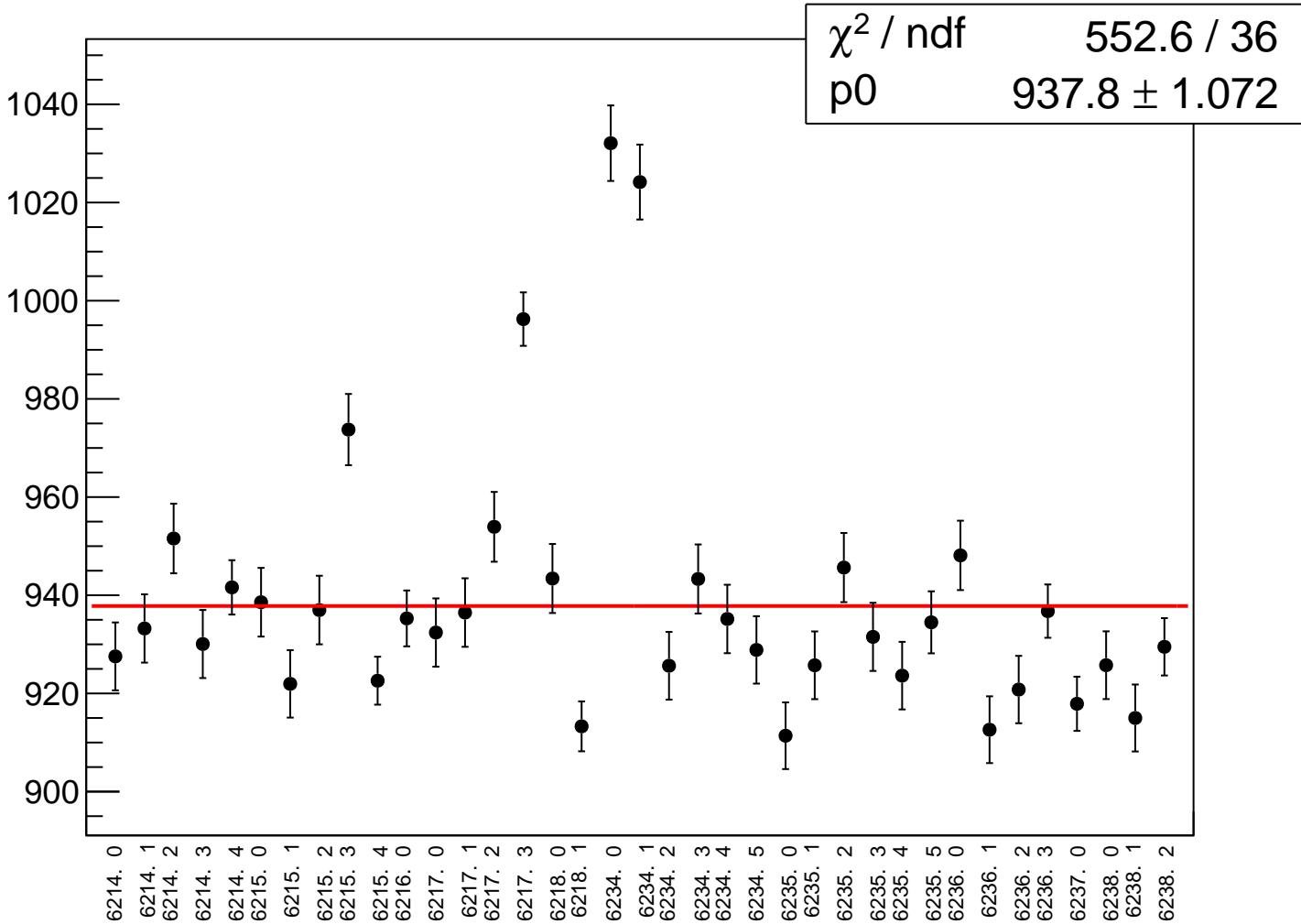
diff_bpm2i02X_rms vs run



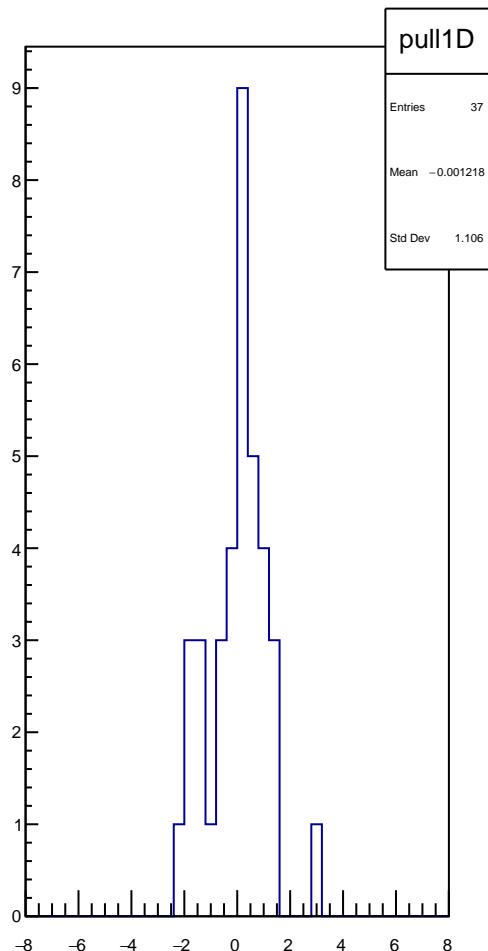
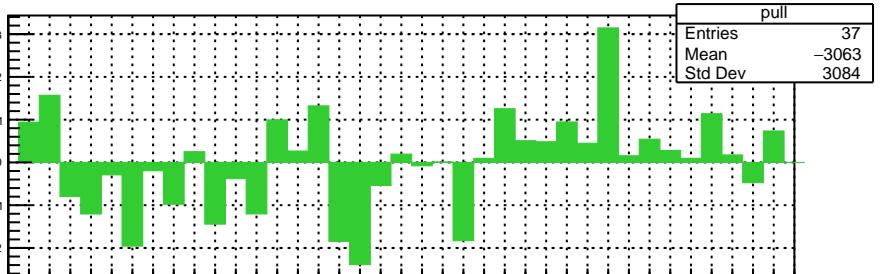
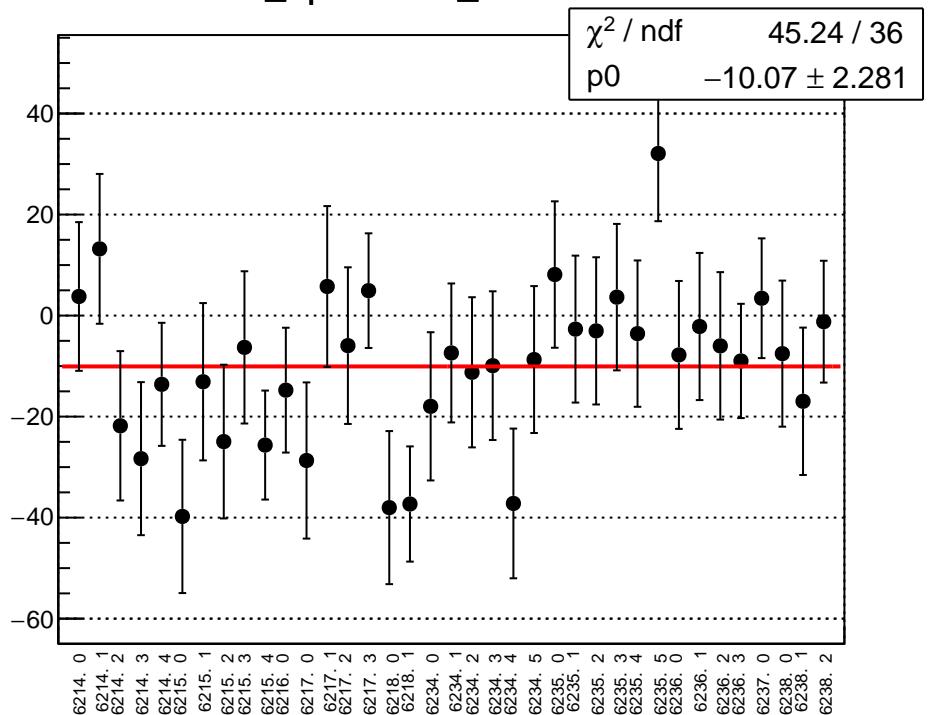
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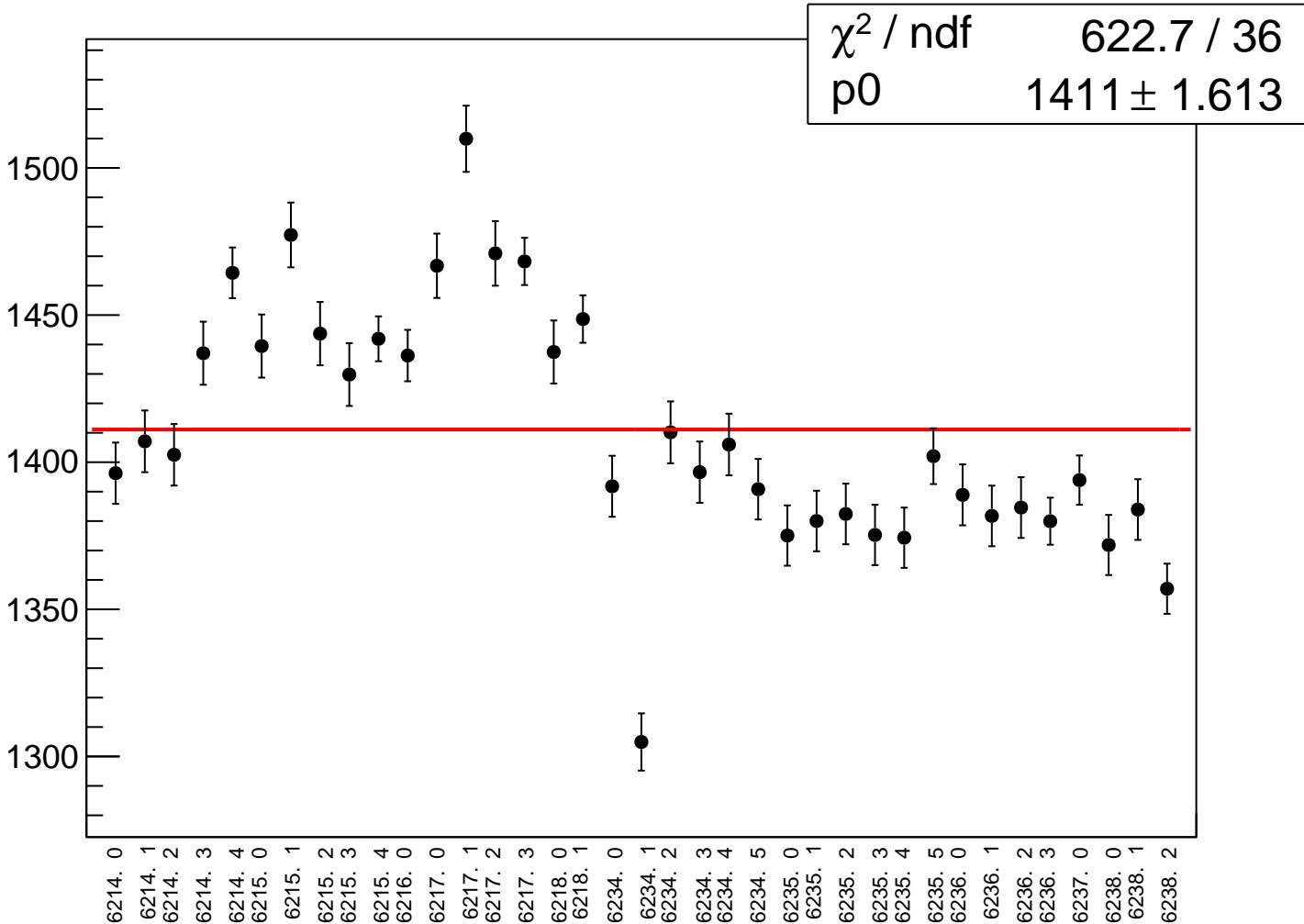
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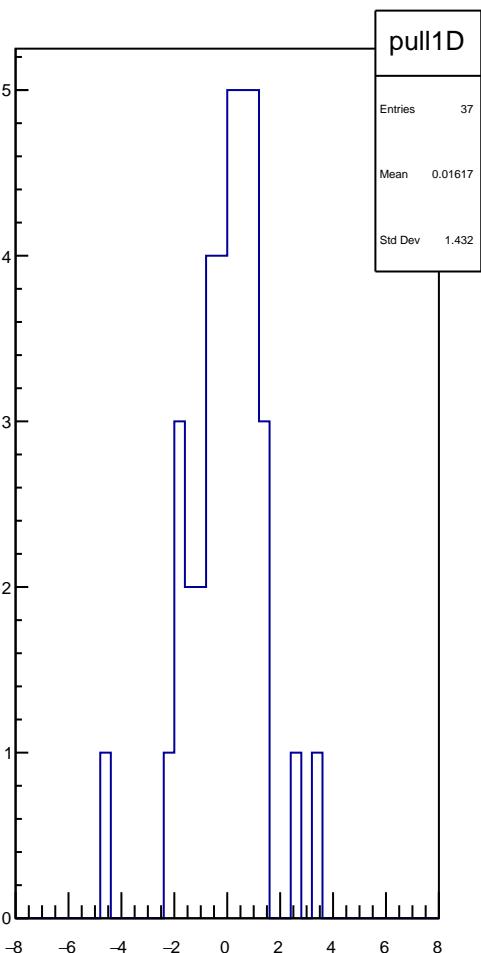
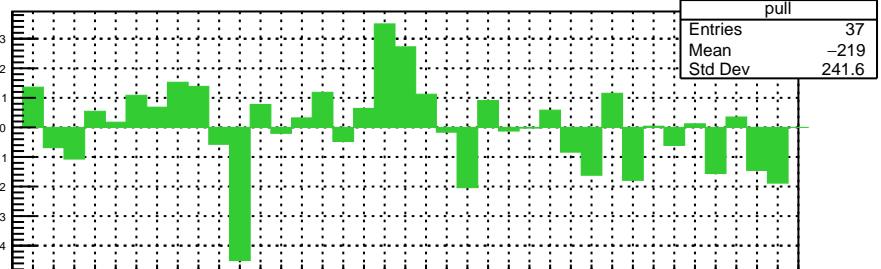
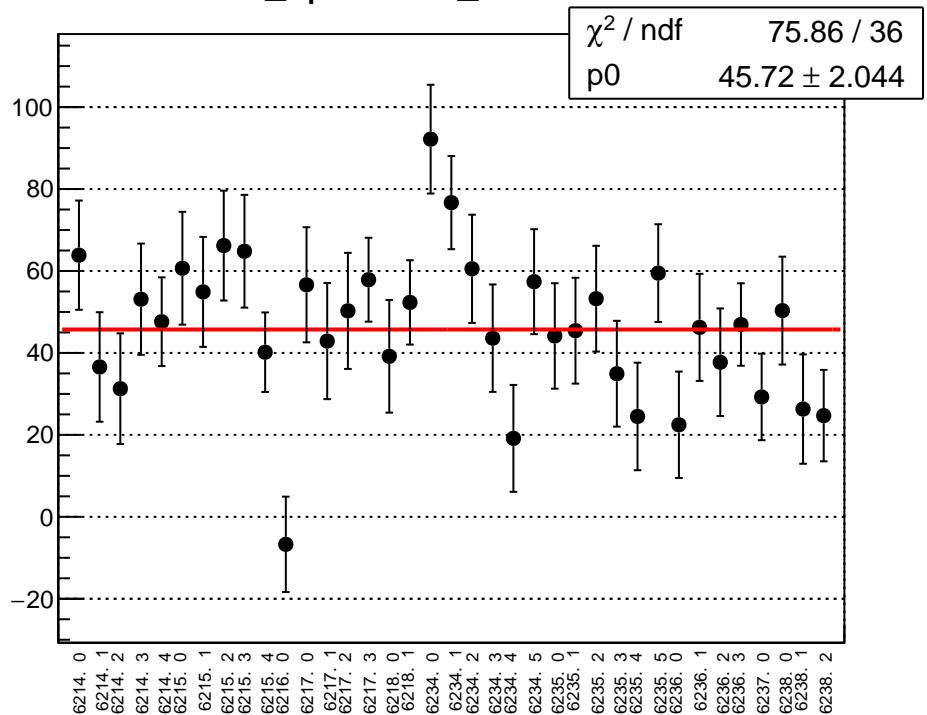
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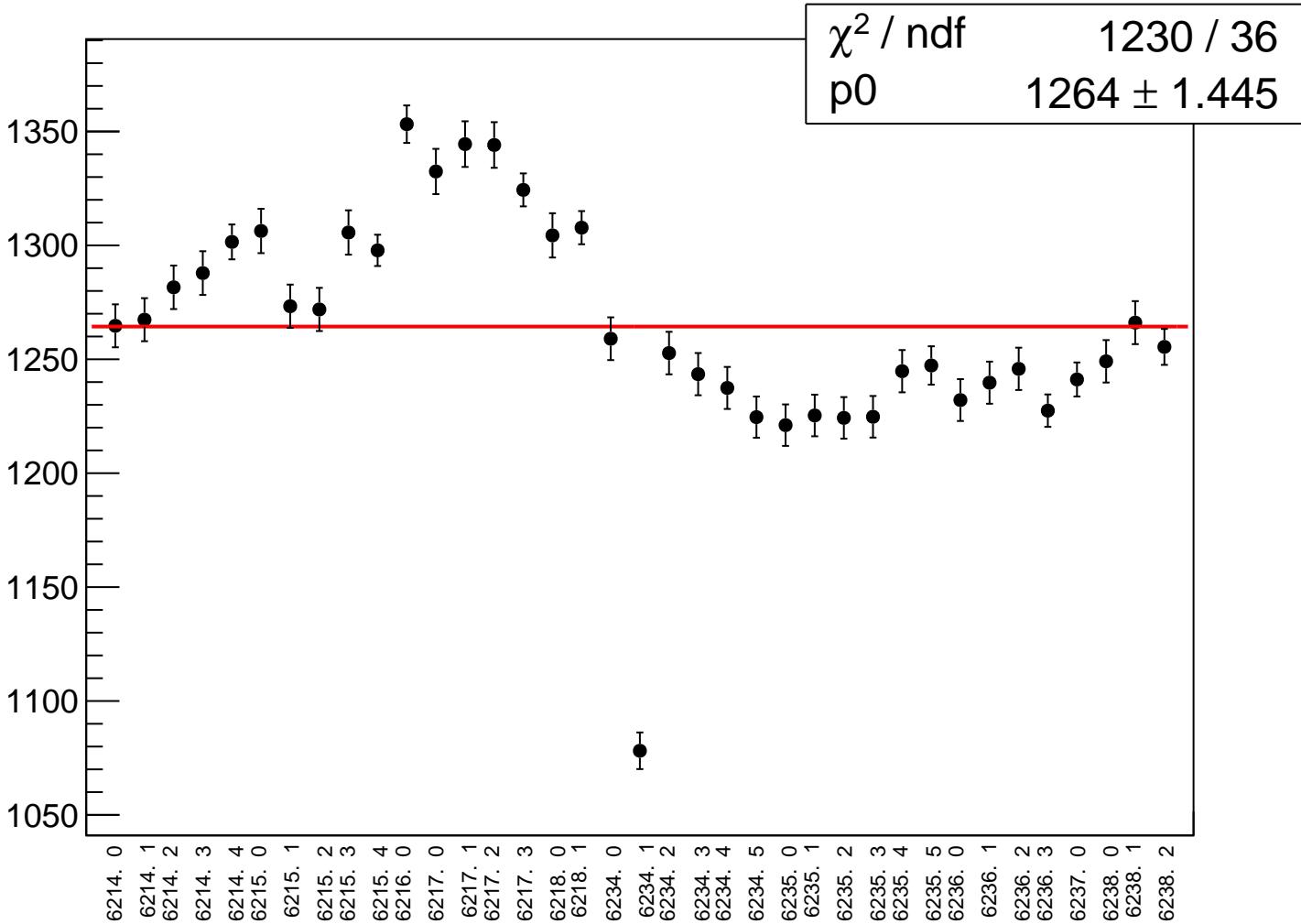
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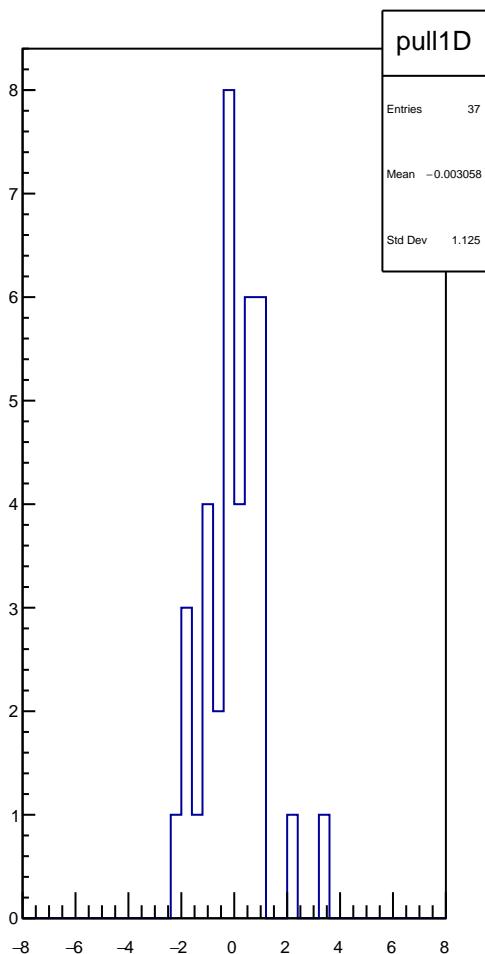
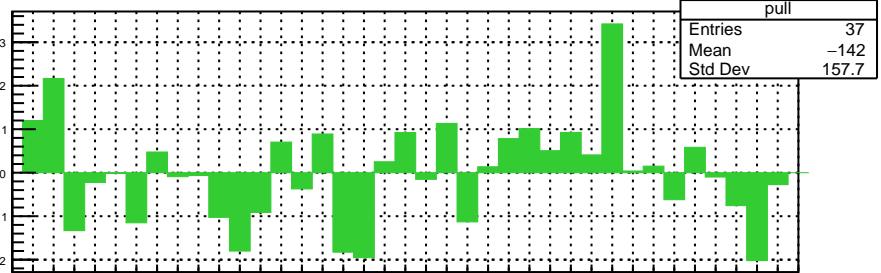
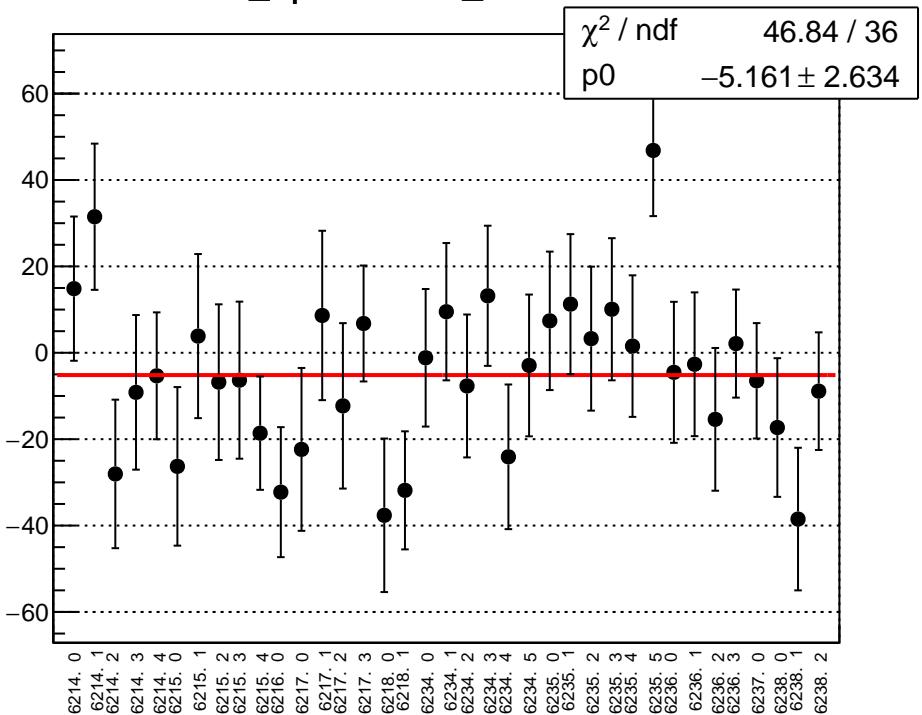
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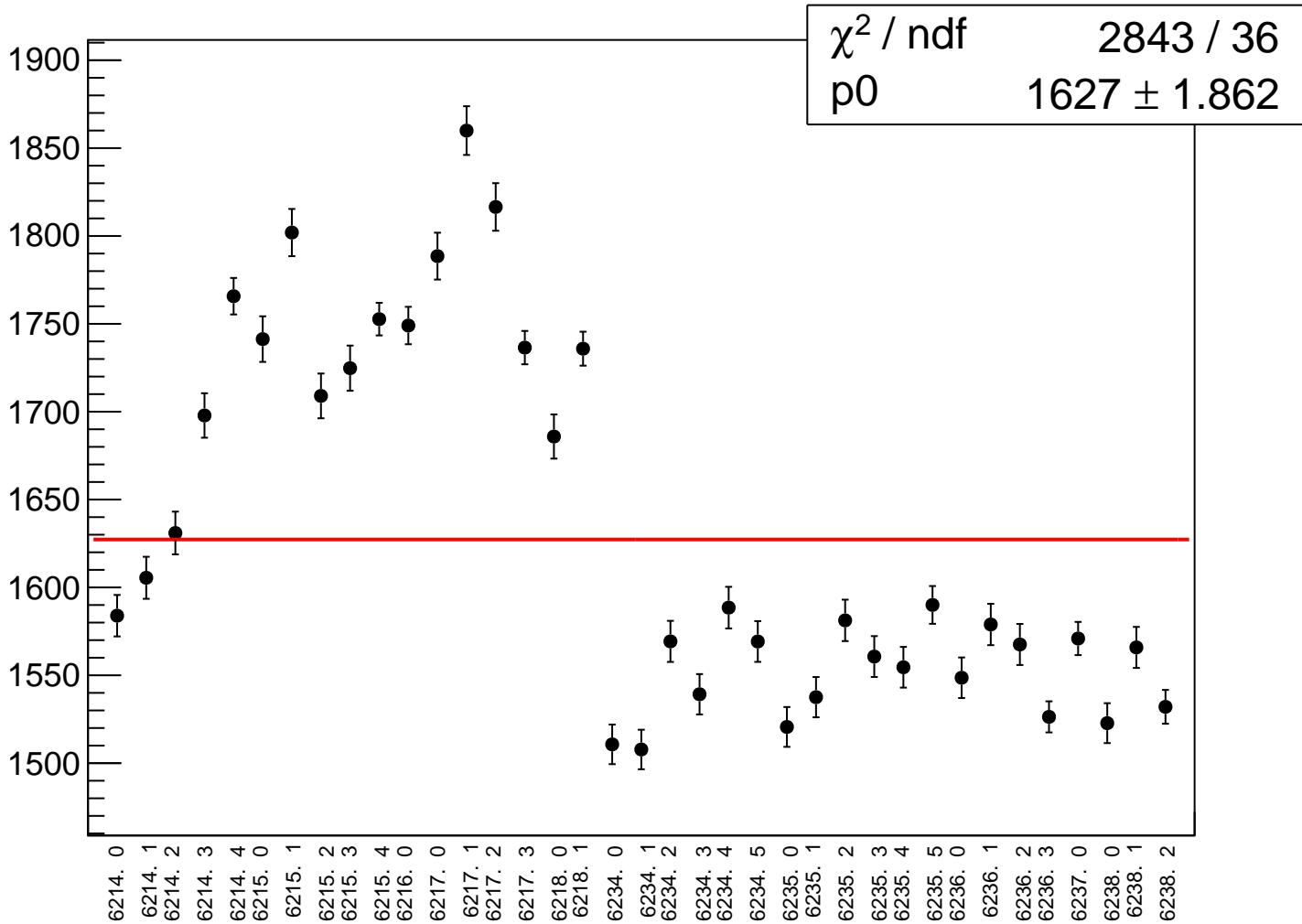
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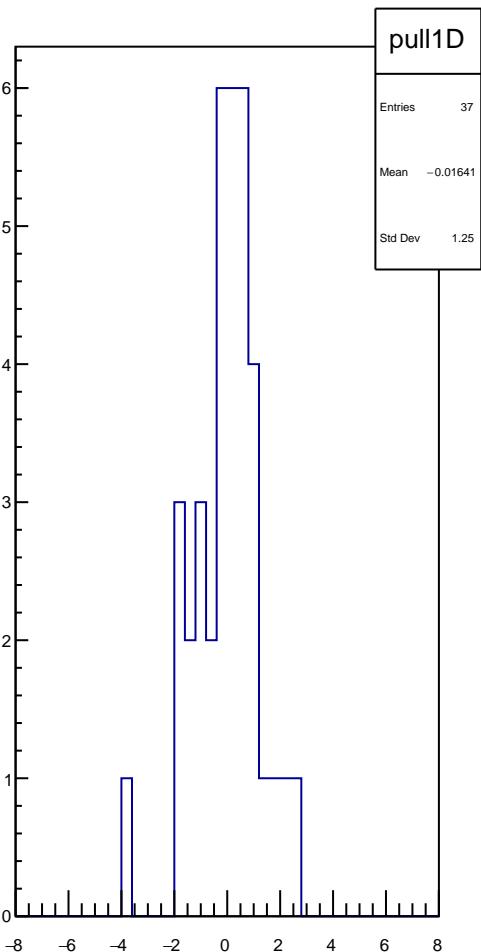
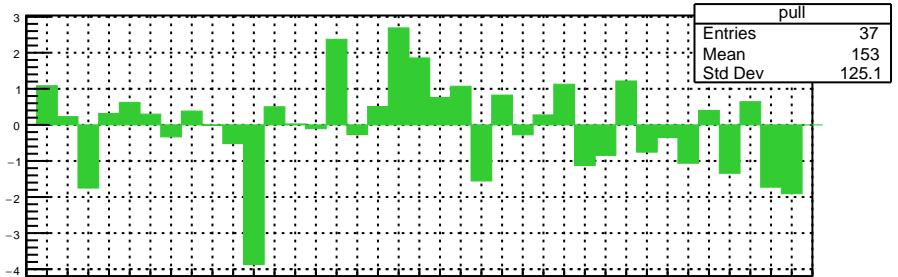
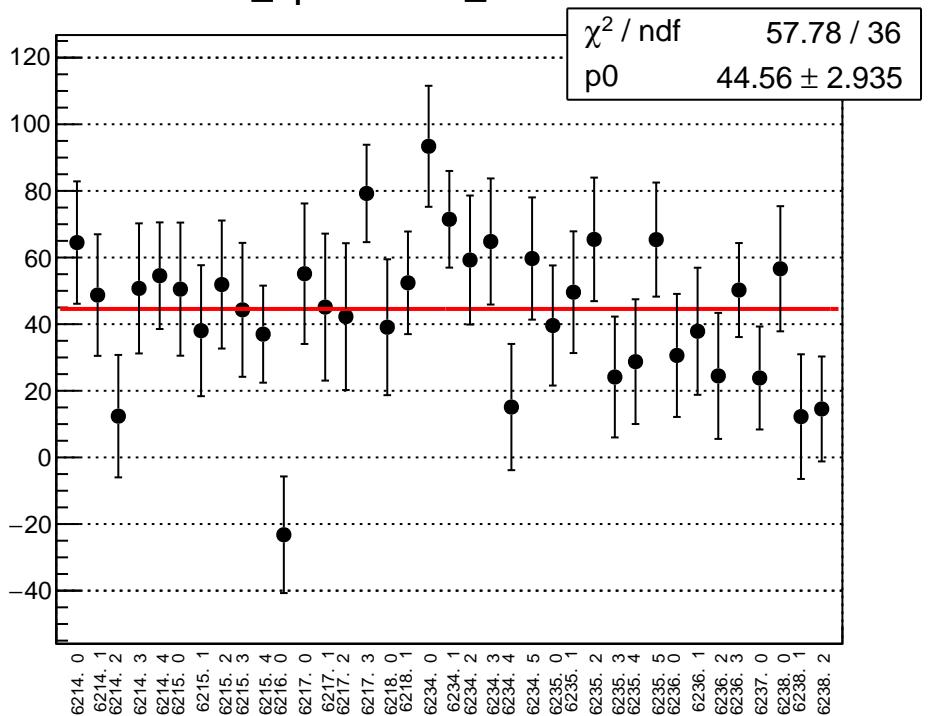
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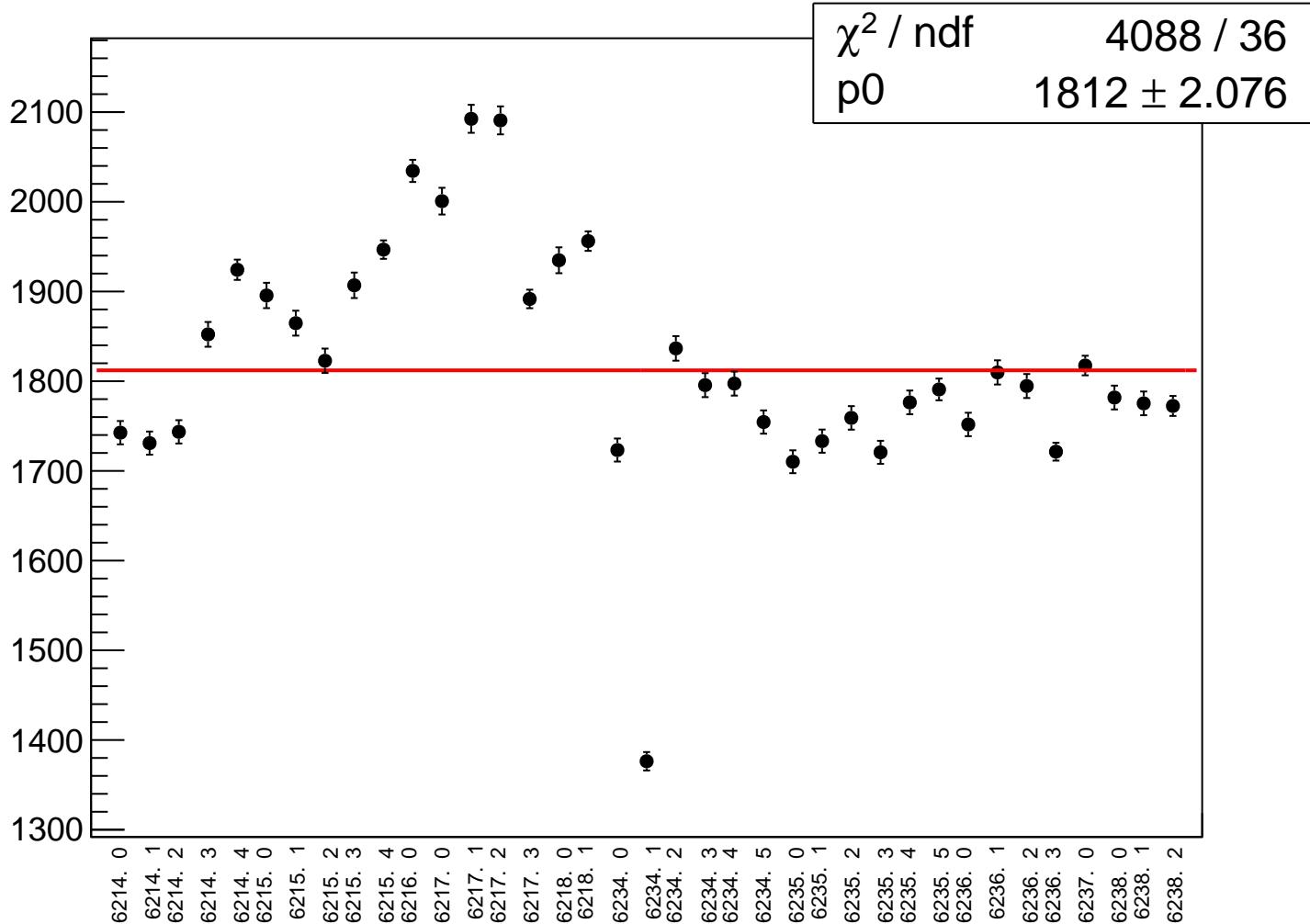
diff_bpm0i02aX_rms vs run



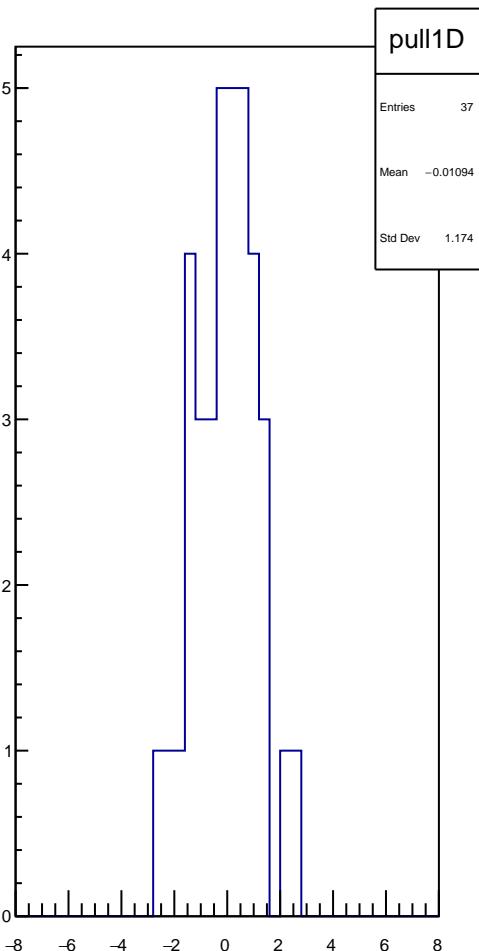
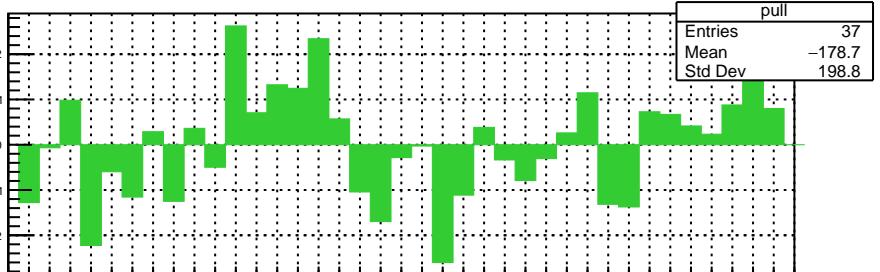
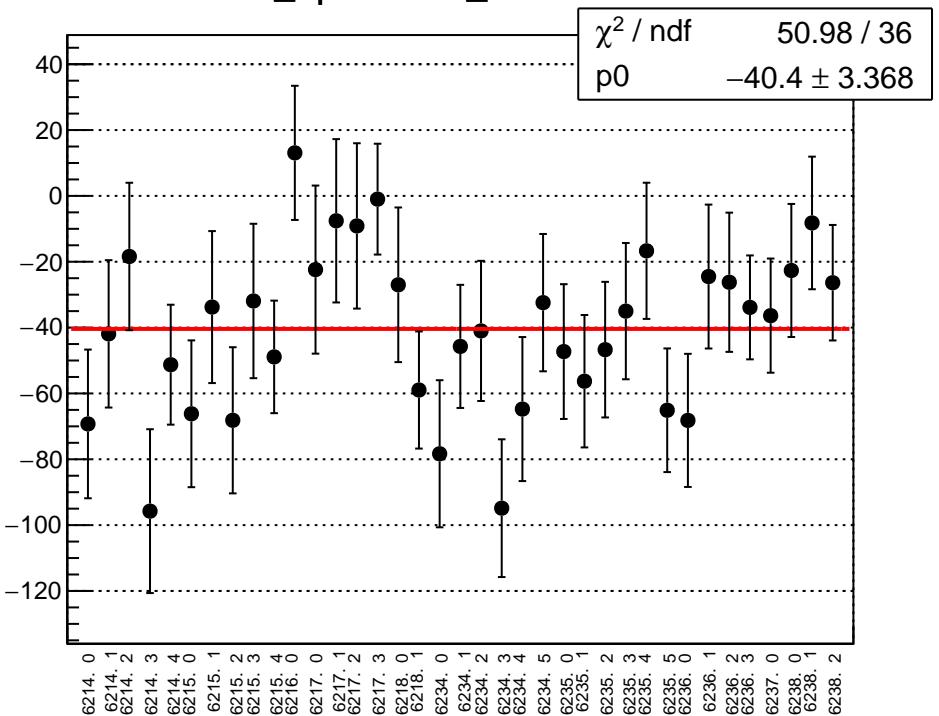
diff_bpm0i02aY_mean vs run



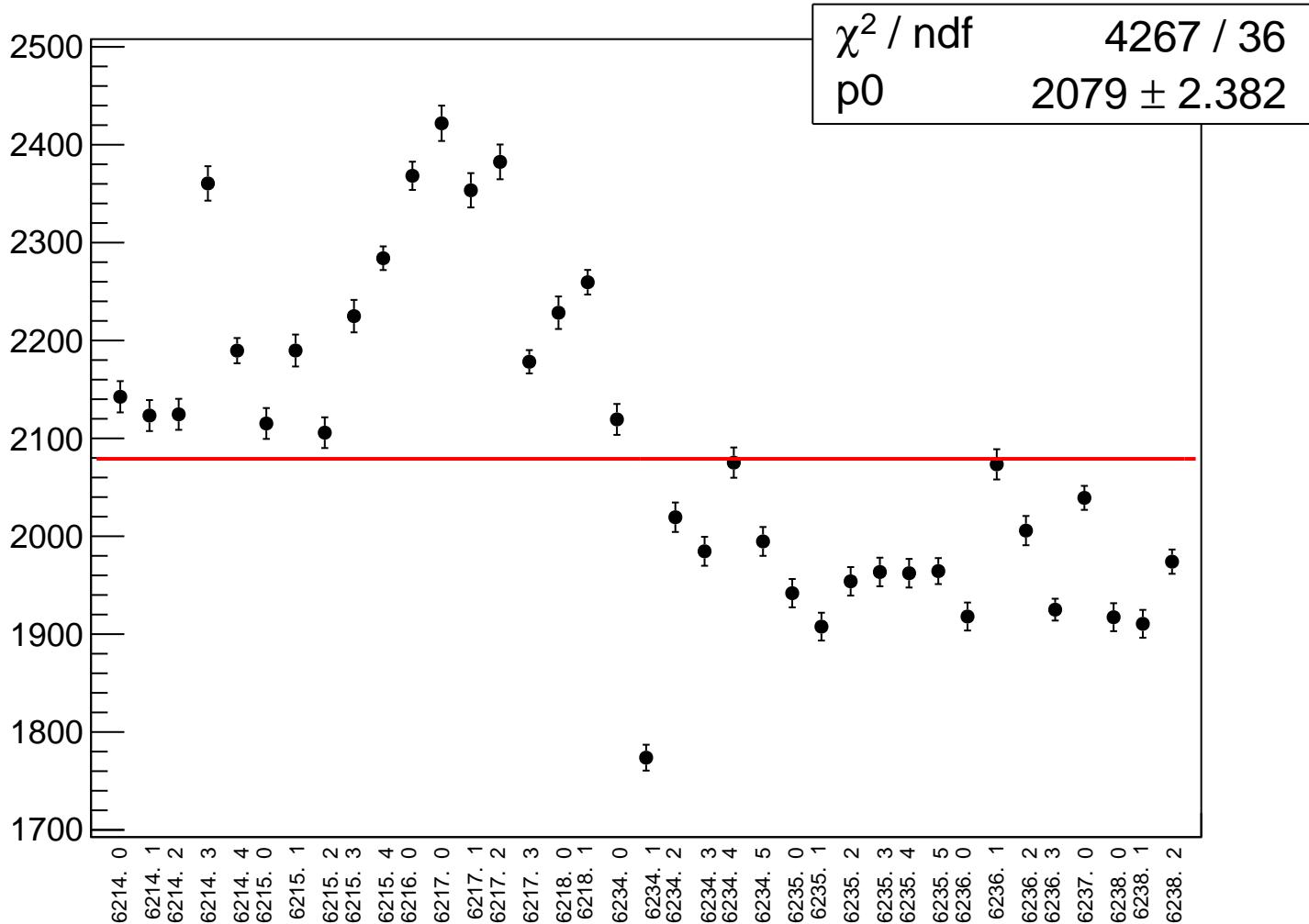
diff_bpm0i02aY_rms vs run



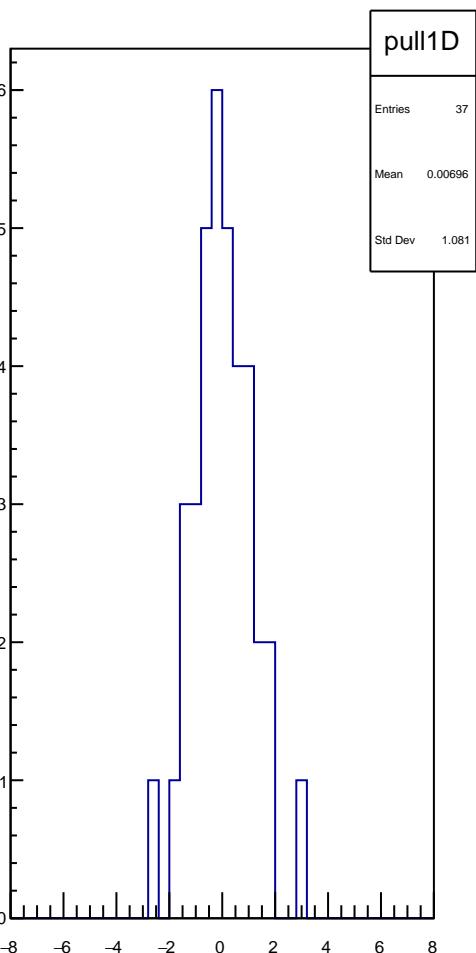
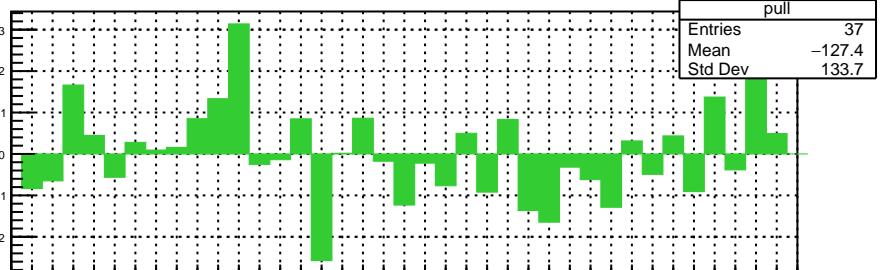
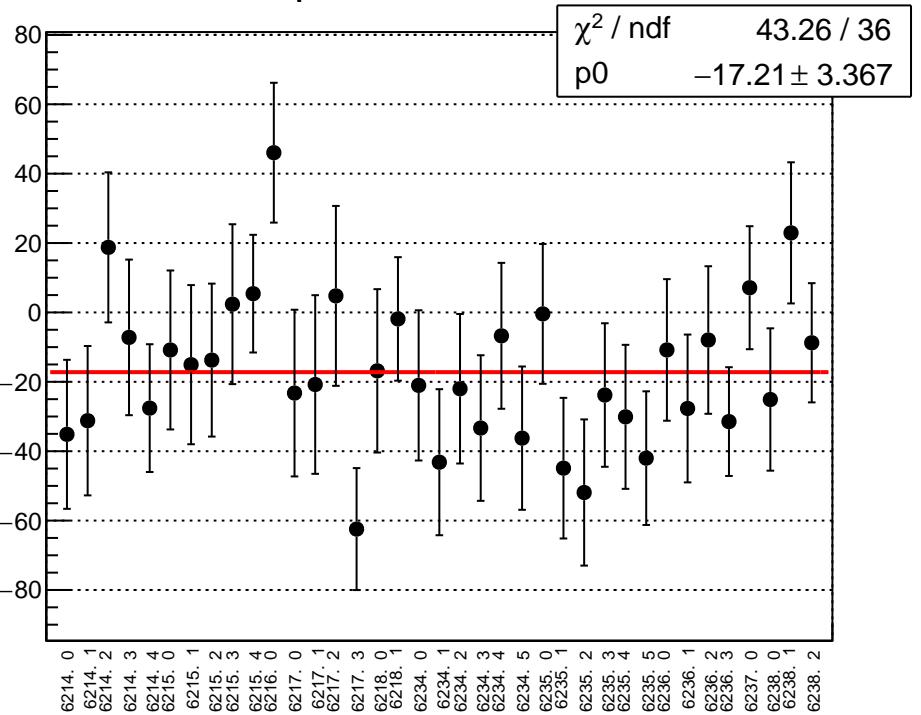
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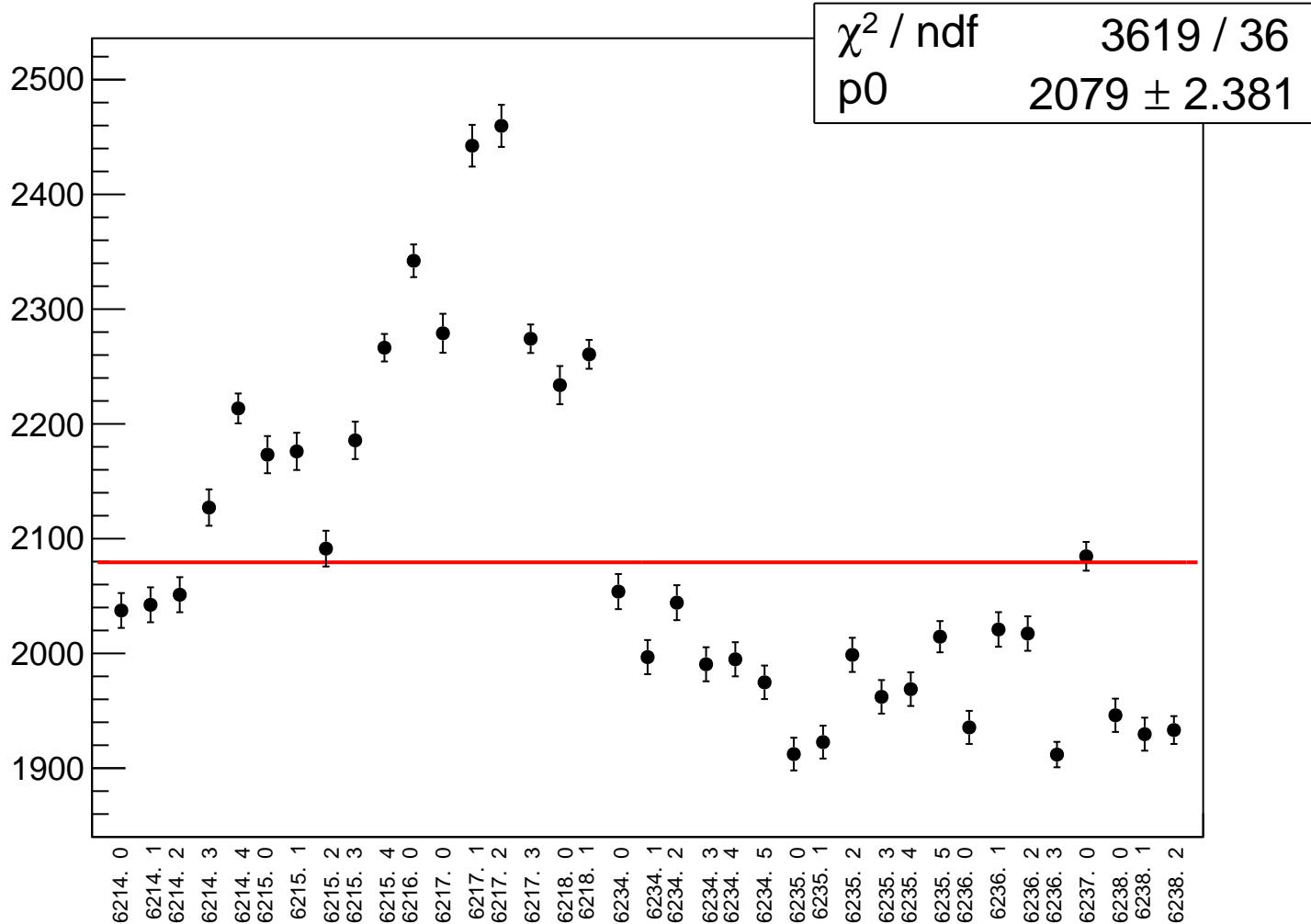
diff_bpm0i05X_rms vs run



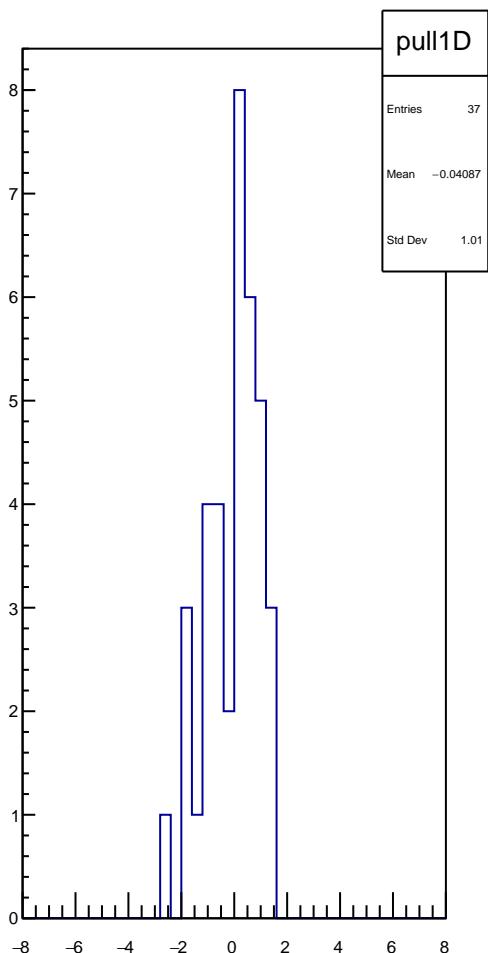
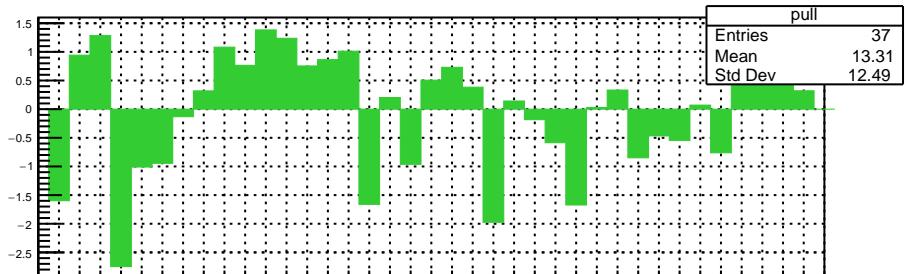
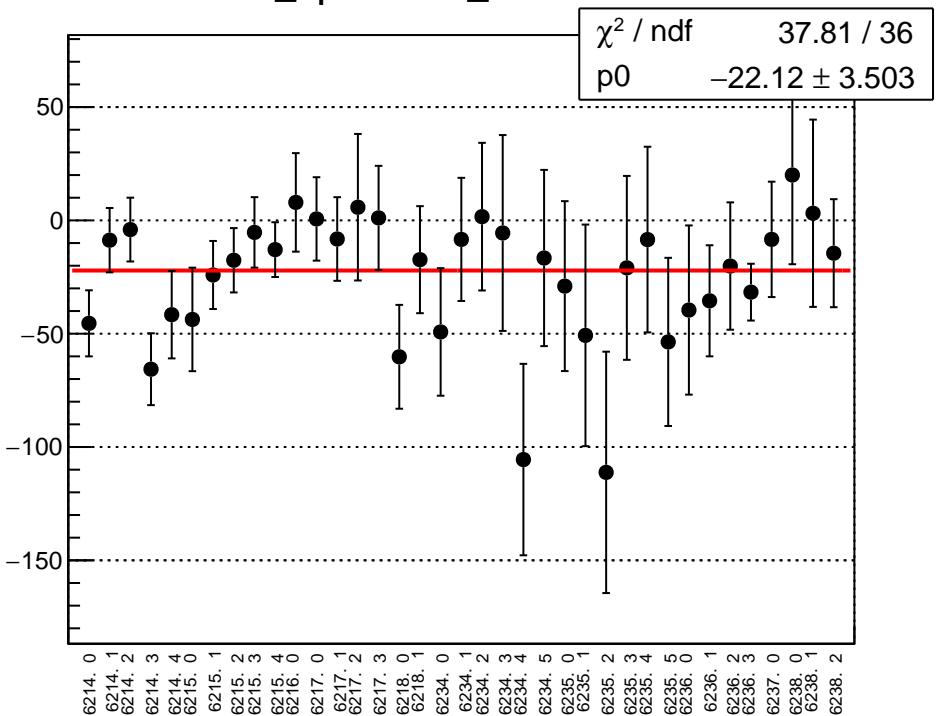
diff_bpm0i05Y_mean vs run



diff_bpm0i05Y_rms vs run

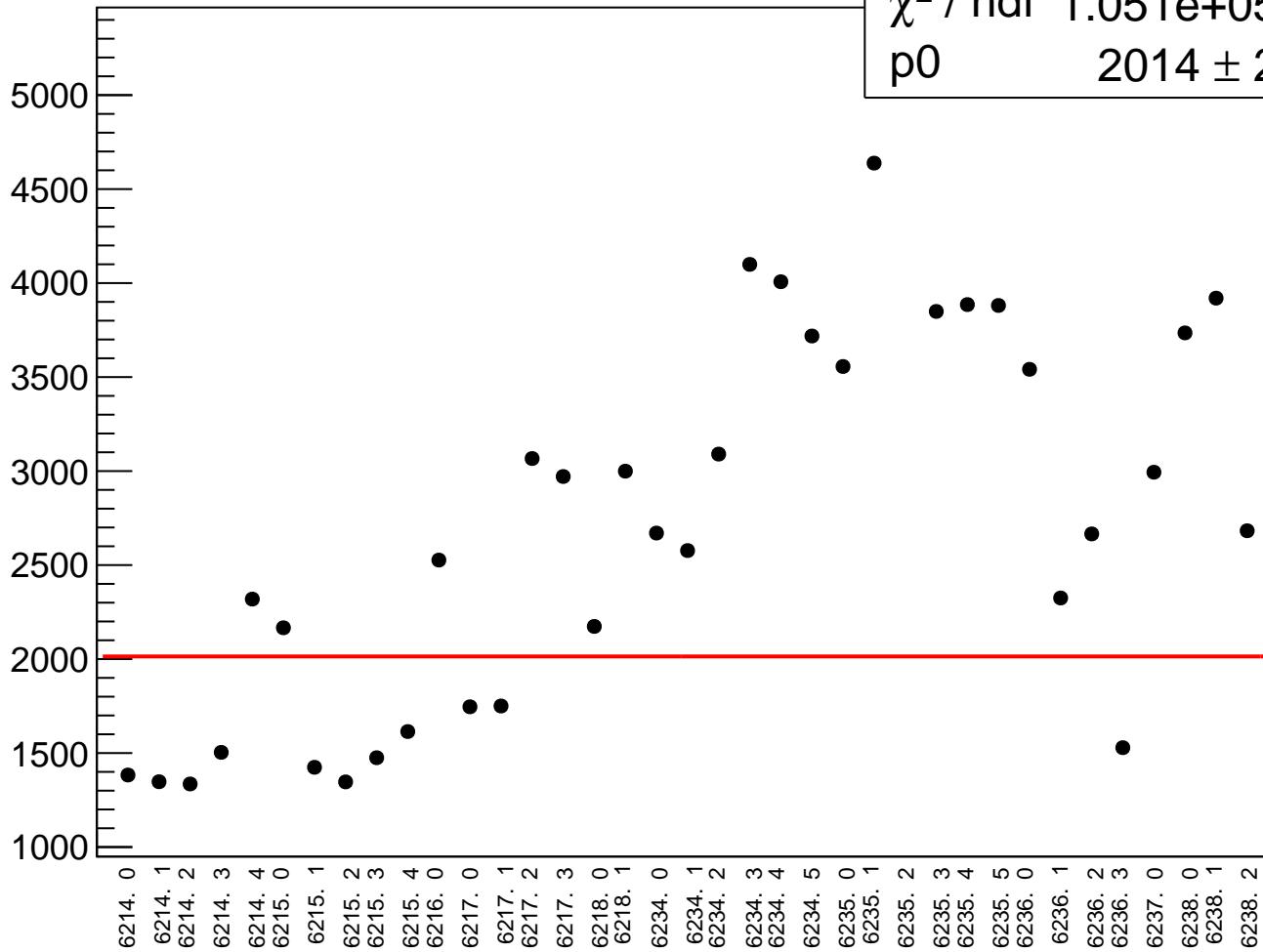


diff_bpm0i07X_mean vs run

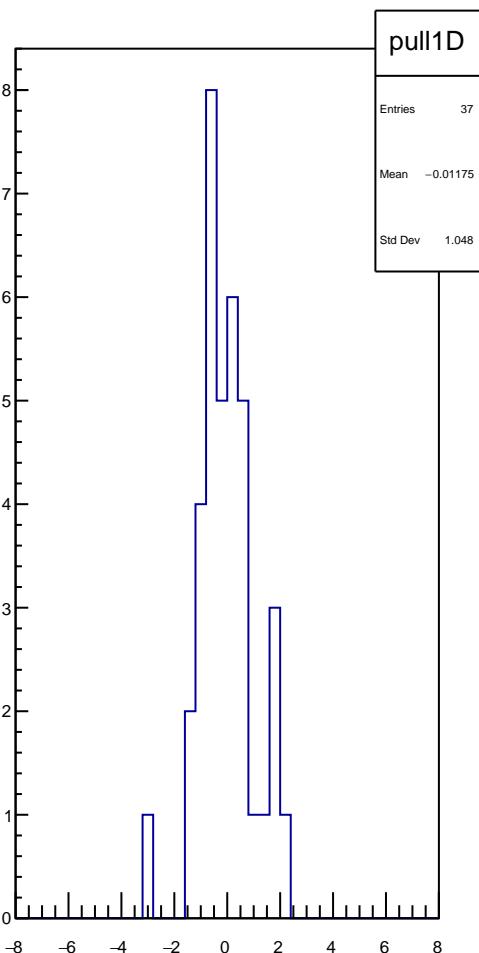
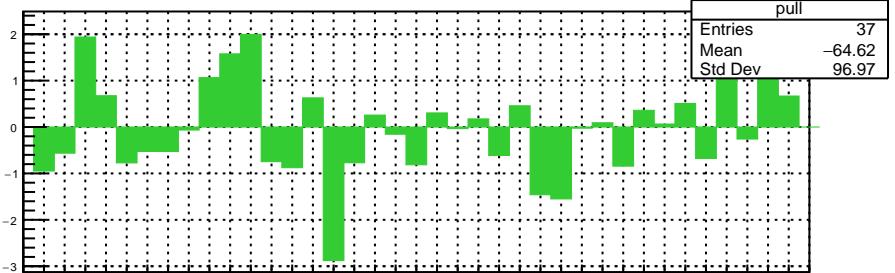
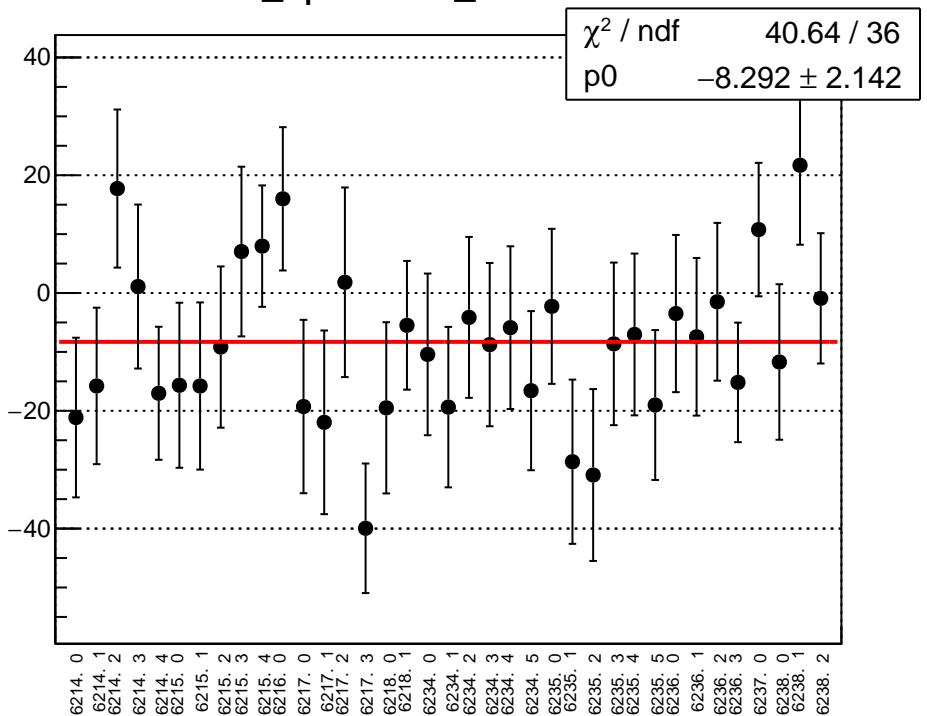


diff_bpm0i07X_rms vs run

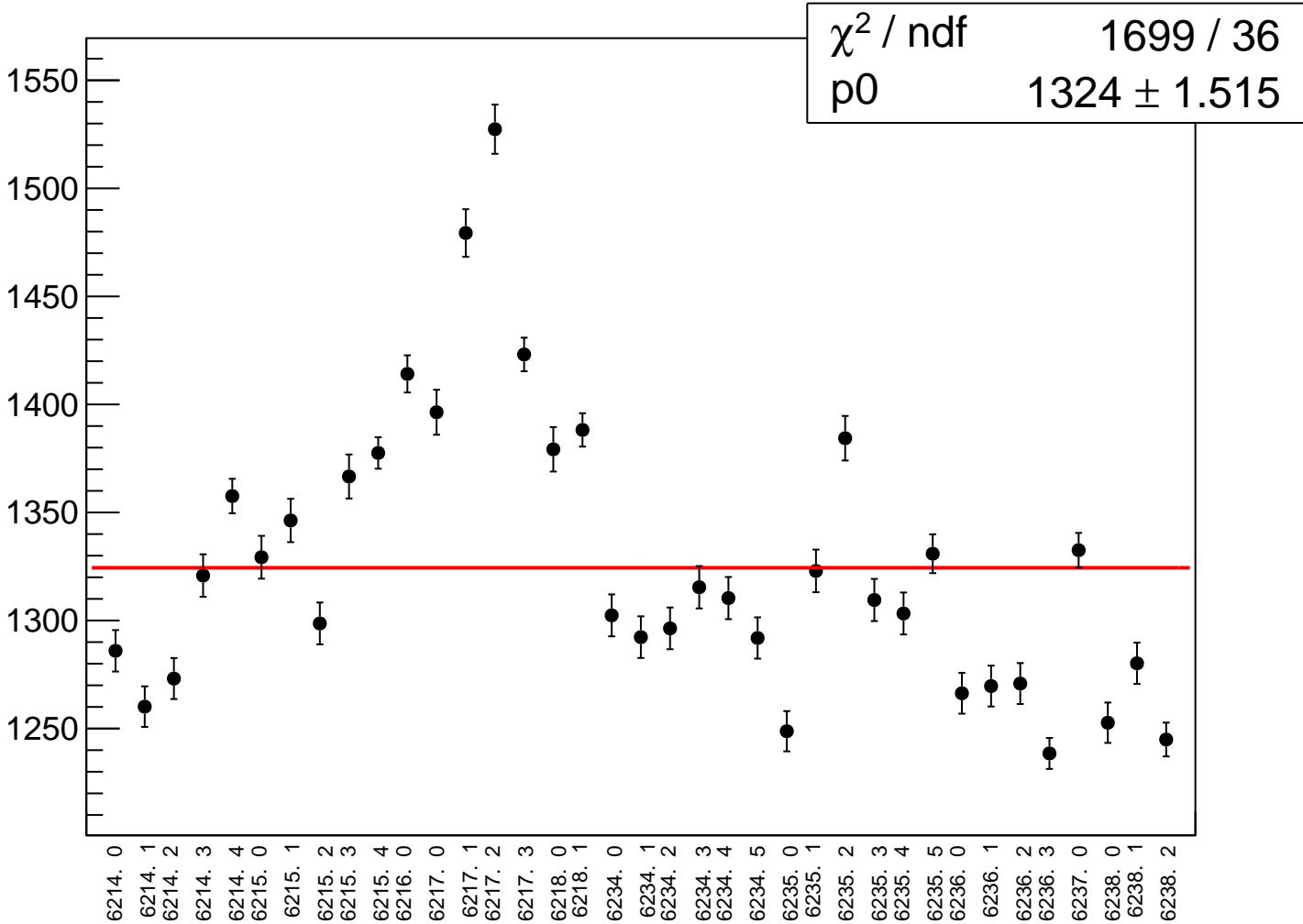
χ^2 / ndf 1.051e+05 / 36
p0 2014 ± 2.477



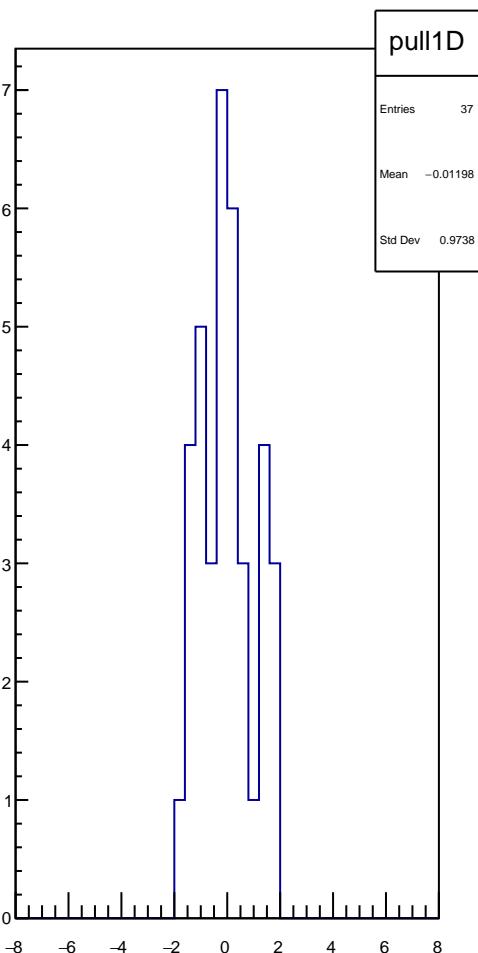
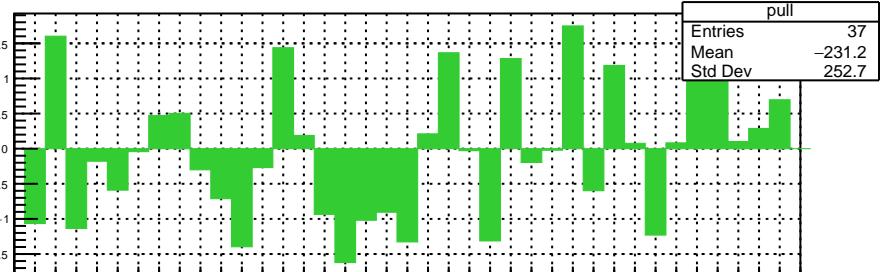
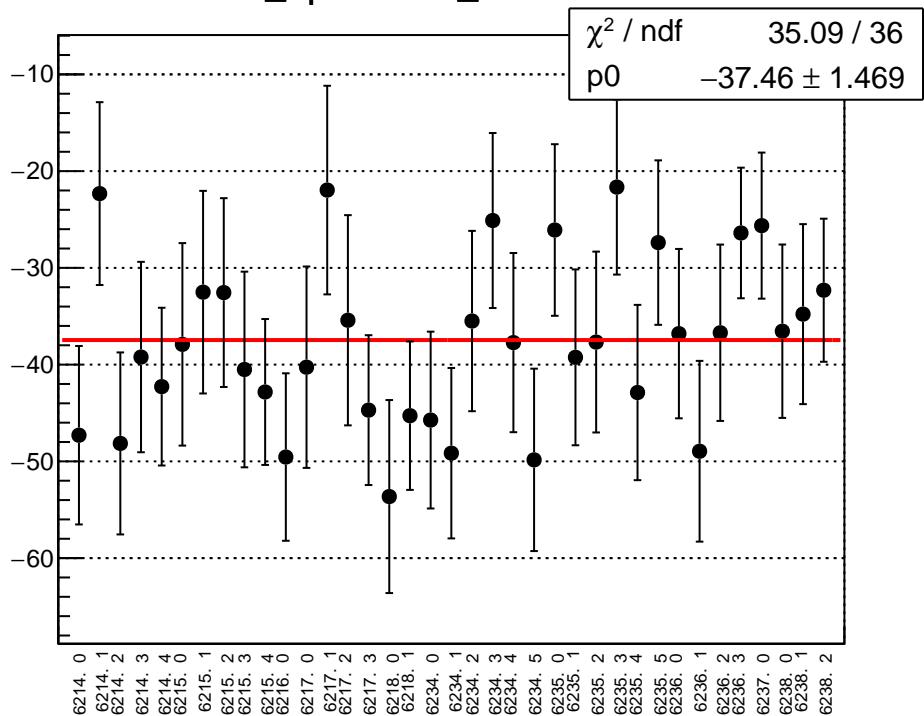
diff_bpm0i07Y_mean vs run



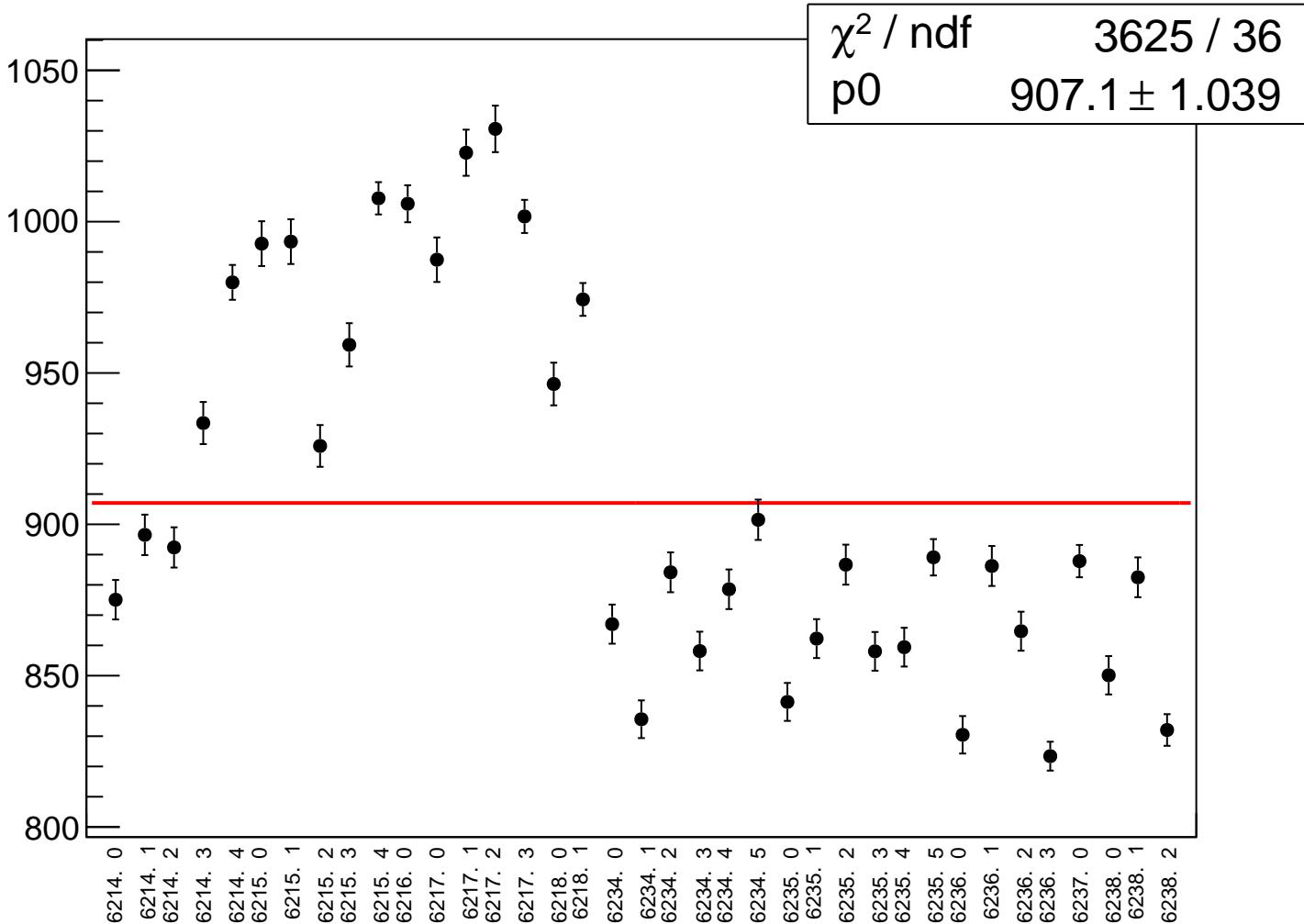
diff_bpm0i07Y_rms vs run



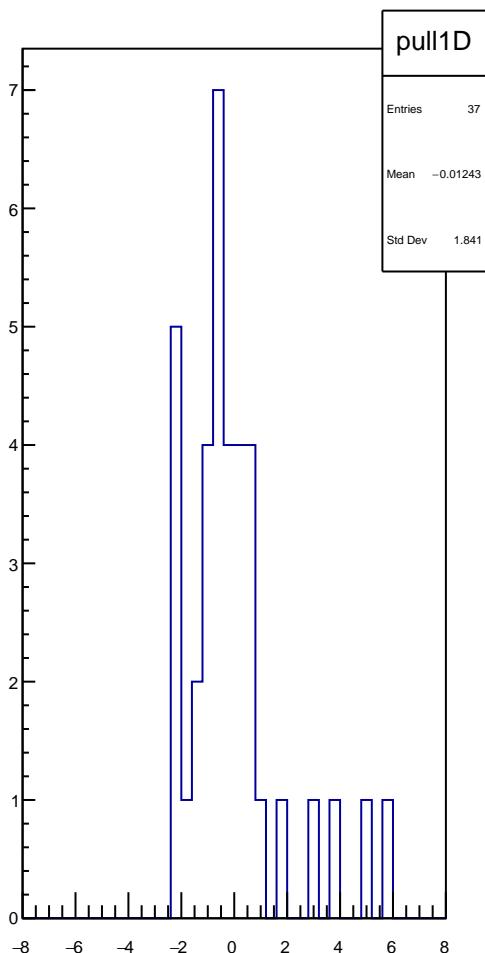
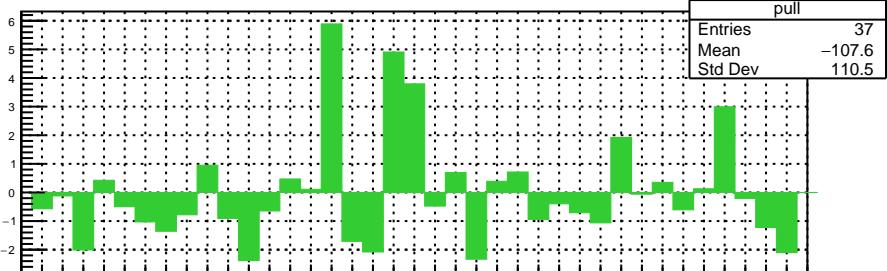
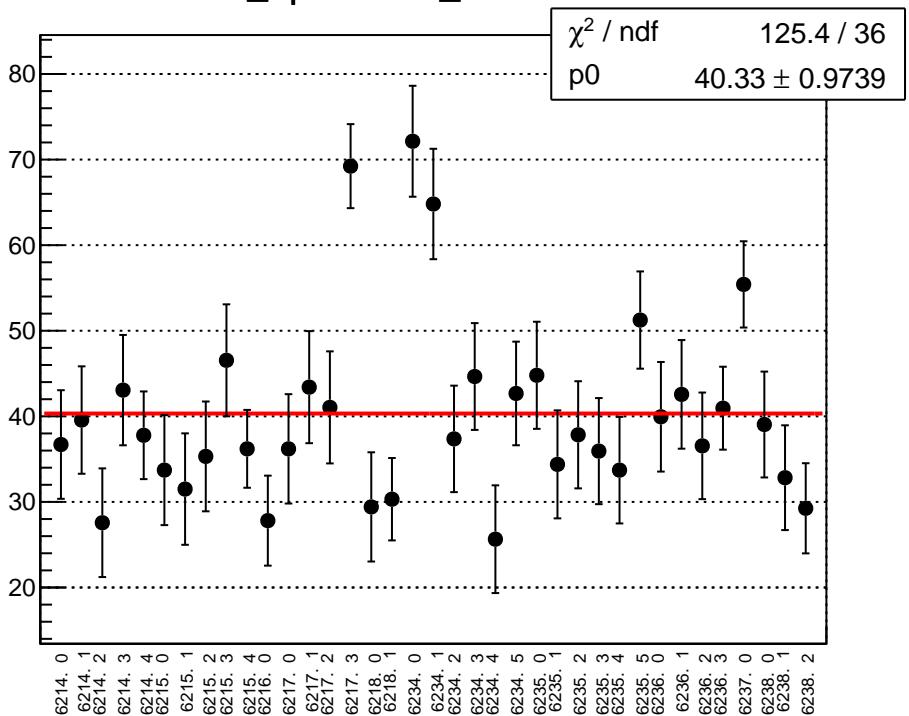
diff_bpm1i02X_mean vs run



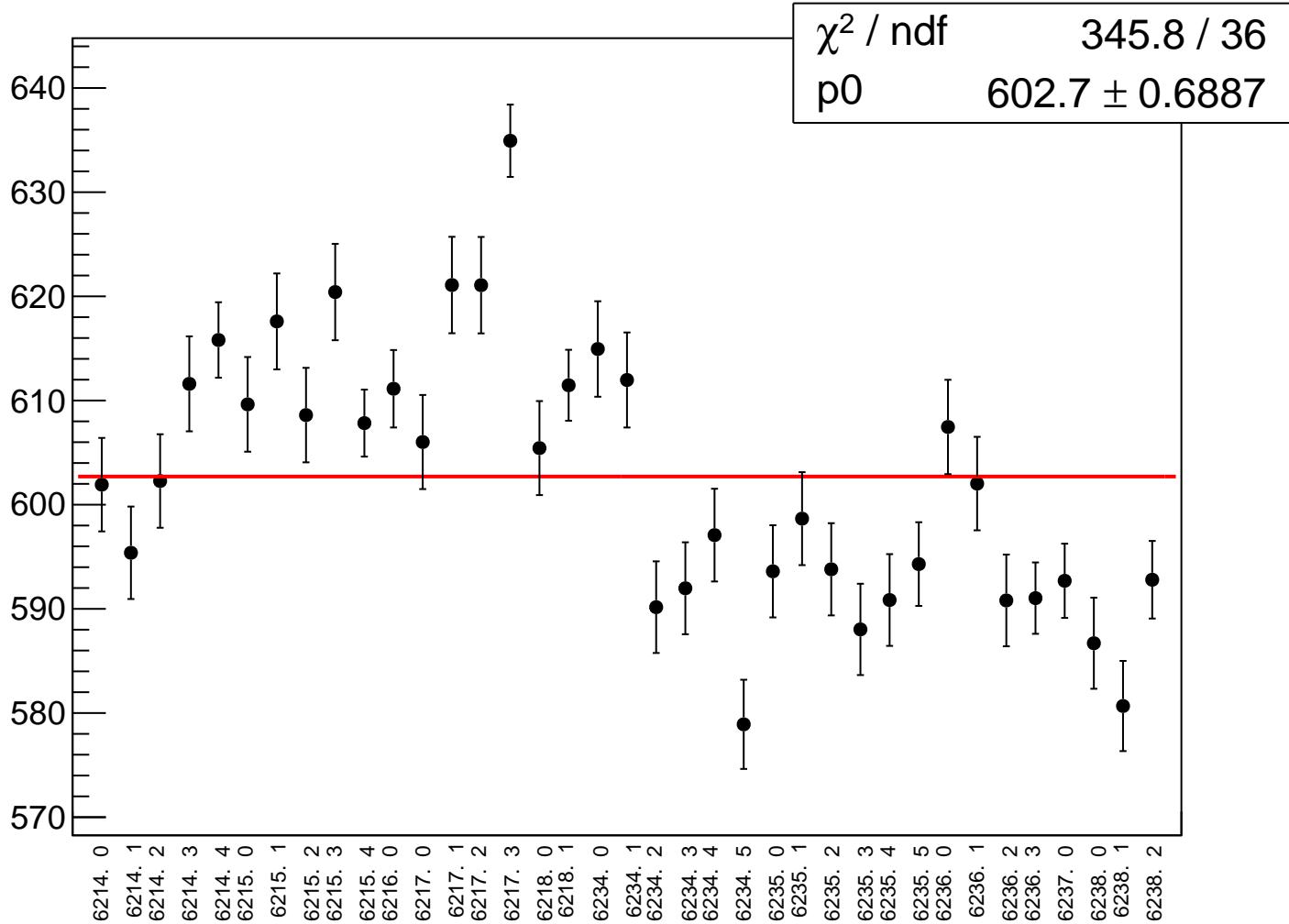
diff_bpm1i02X_rms vs run



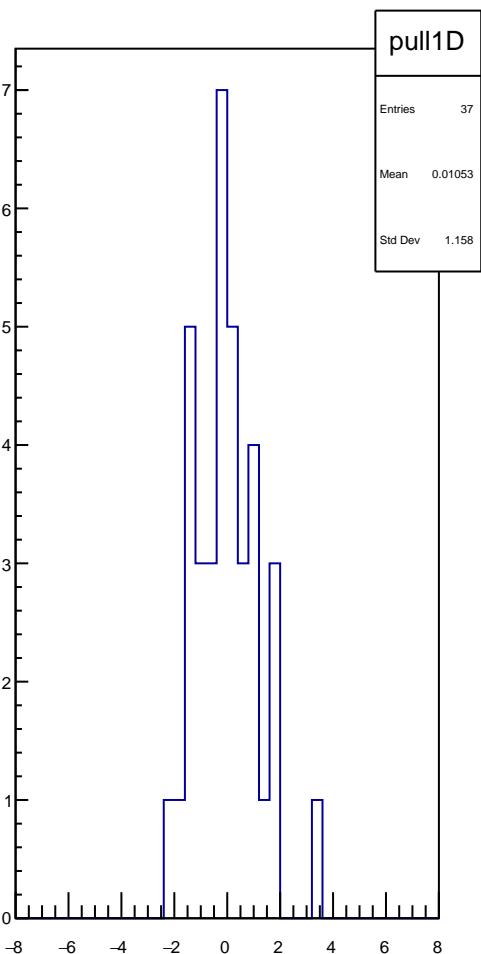
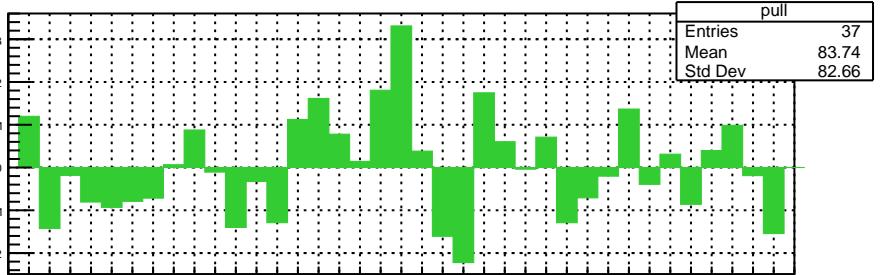
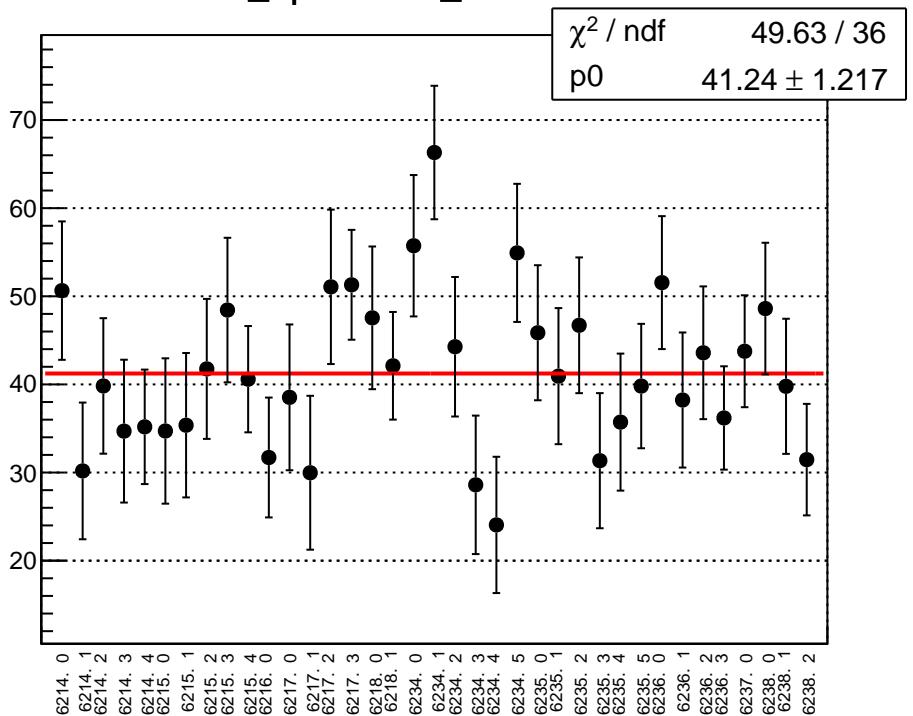
diff_bpm1i02Y_mean vs run



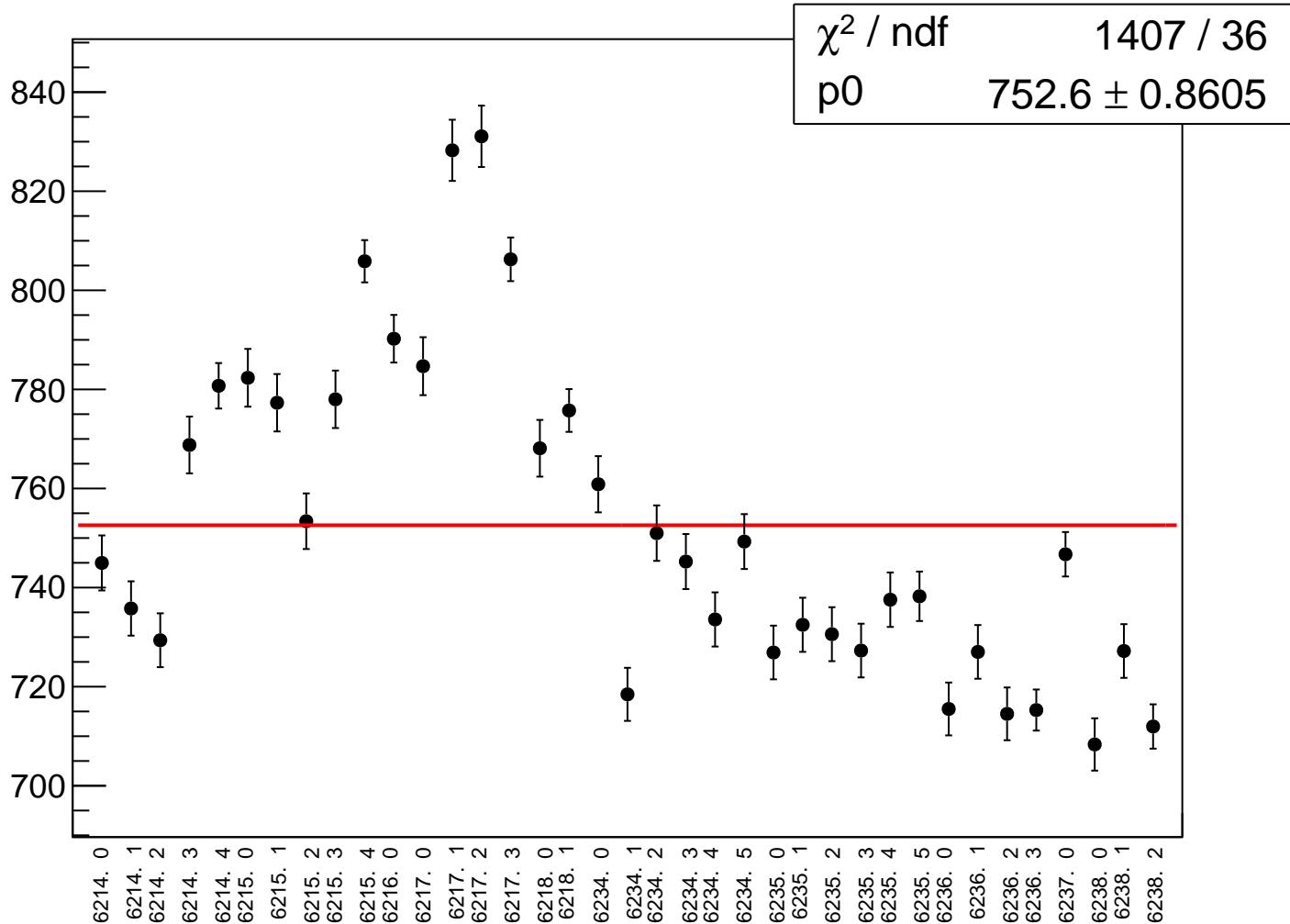
diff_bpm1i02Y_rms vs run



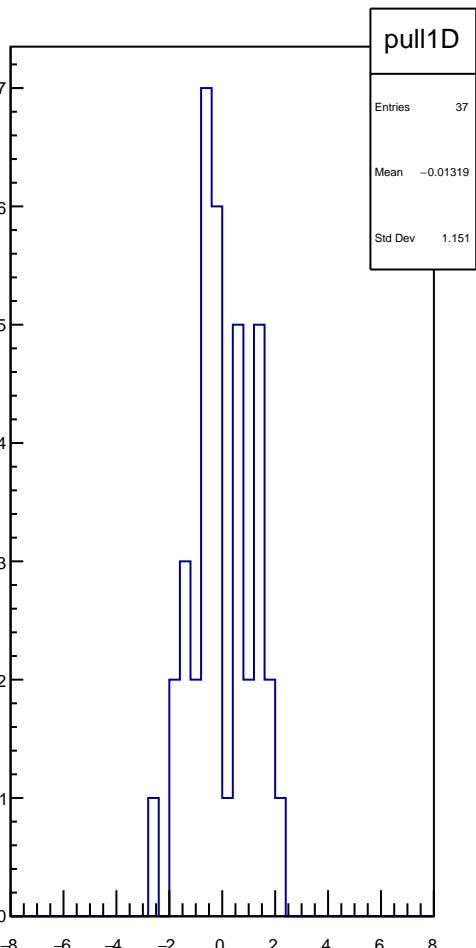
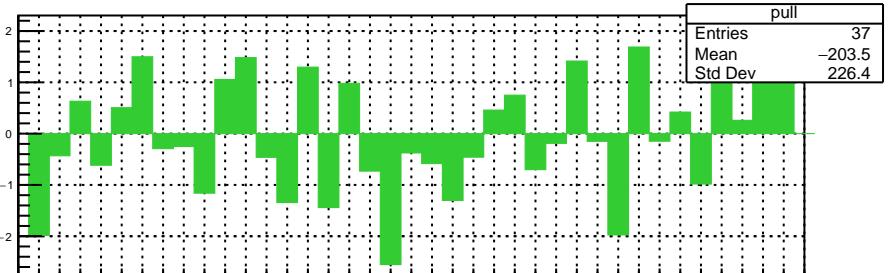
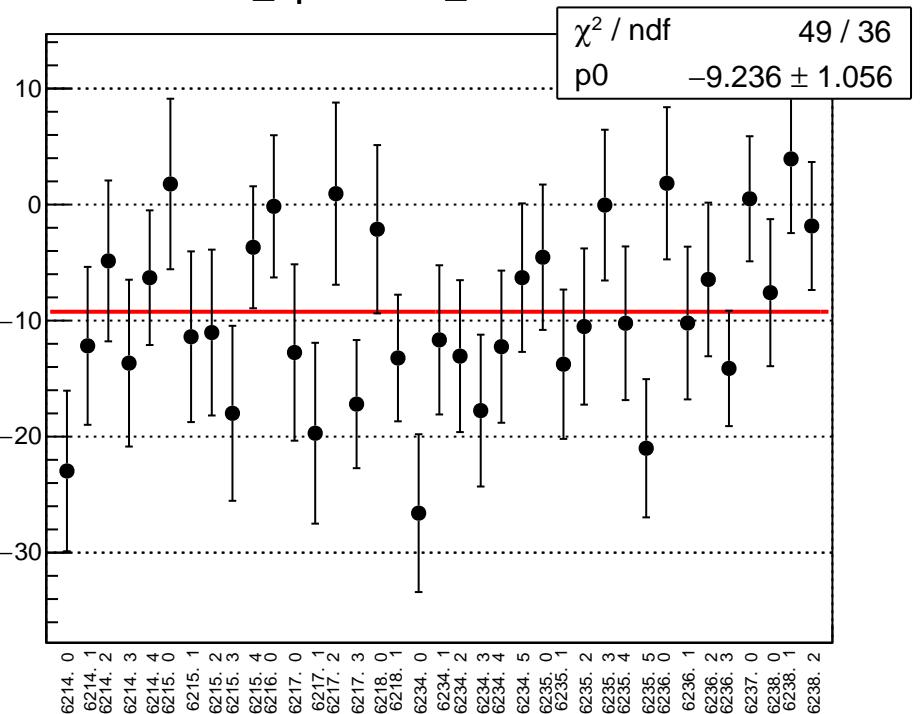
diff_bpm1i04X_mean vs run



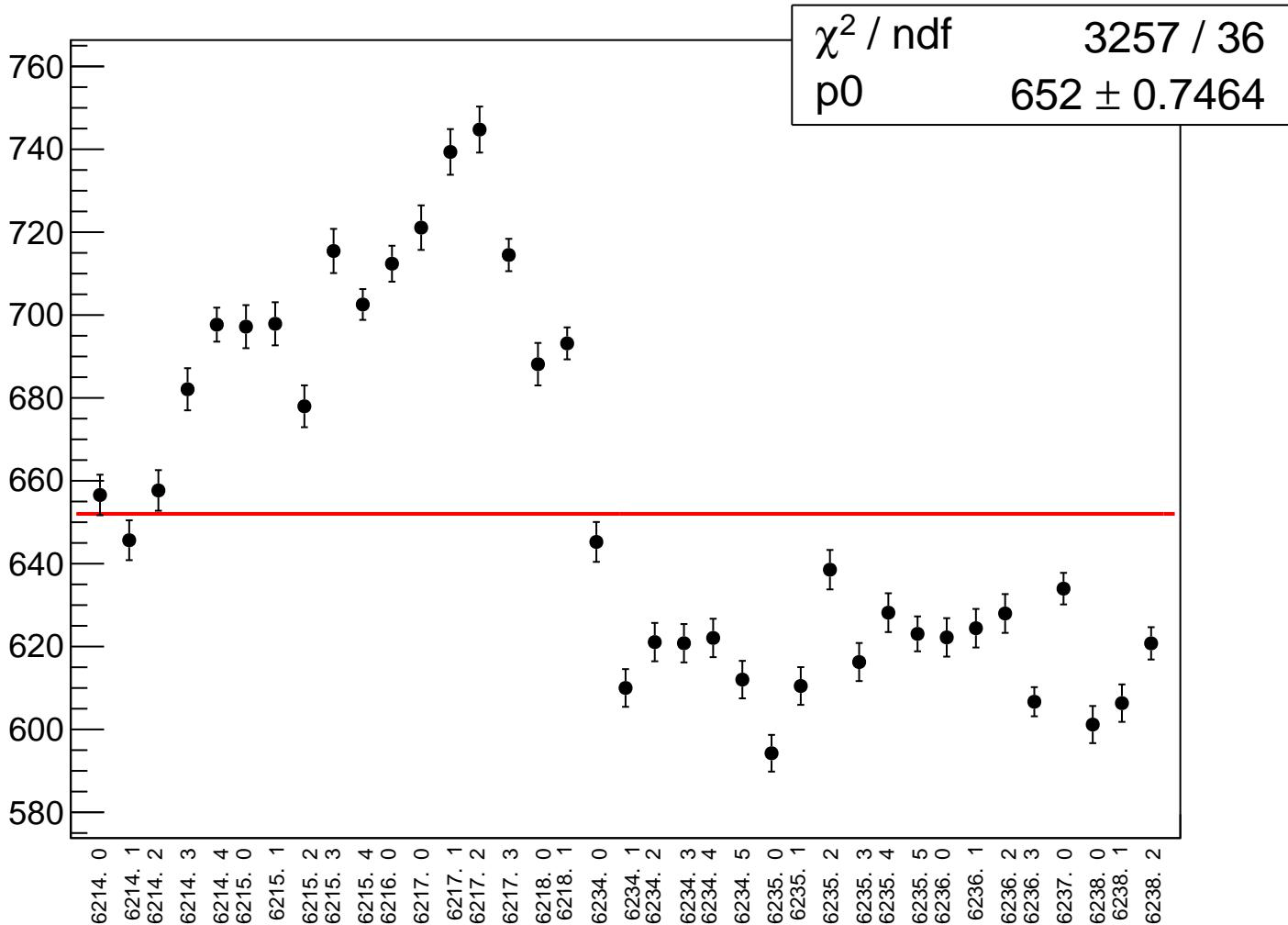
diff_bpm1i04X_rms vs run



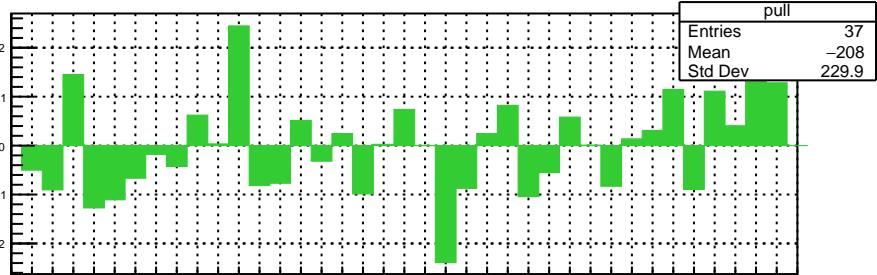
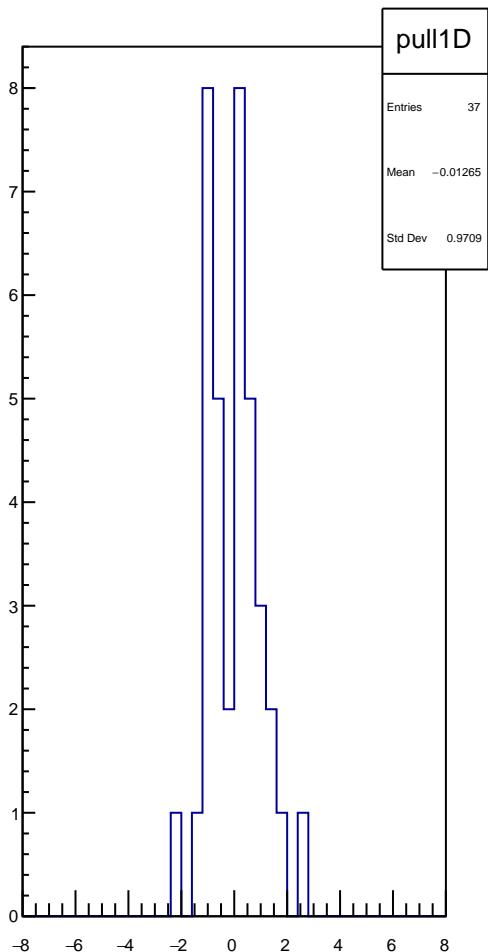
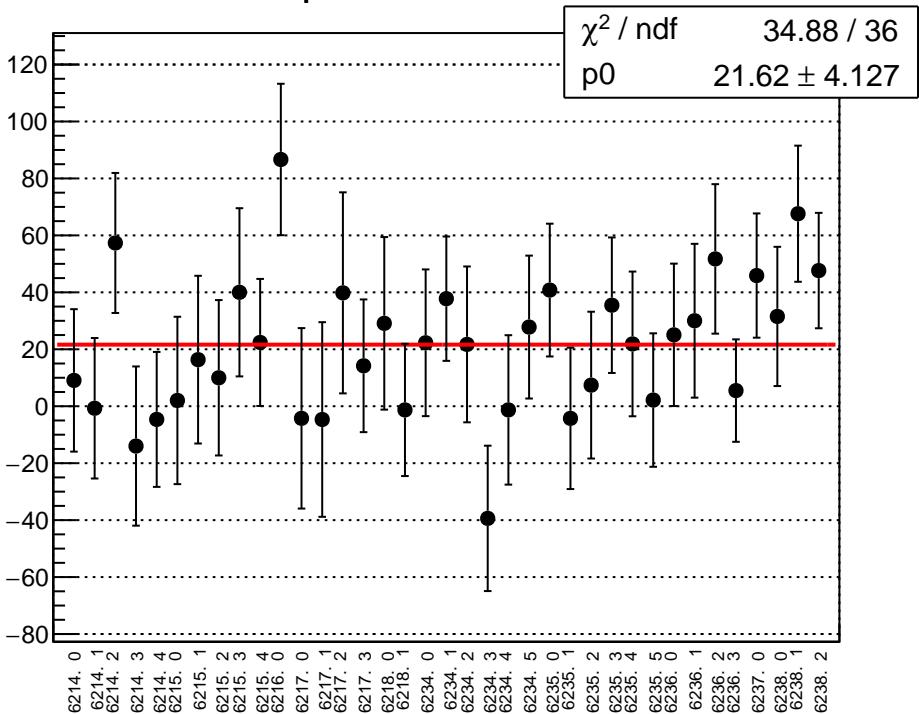
diff_bpm1i04Y_mean vs run



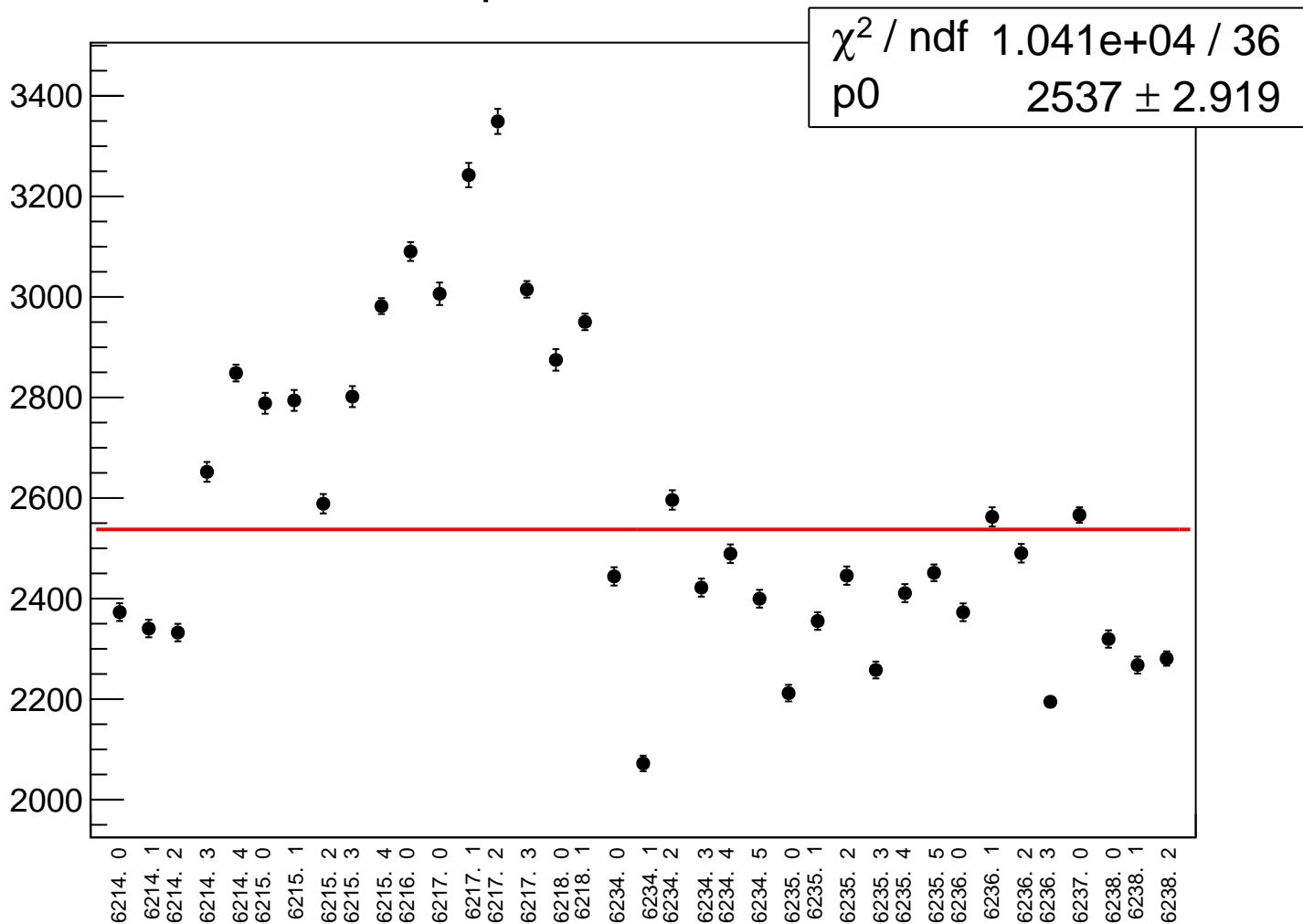
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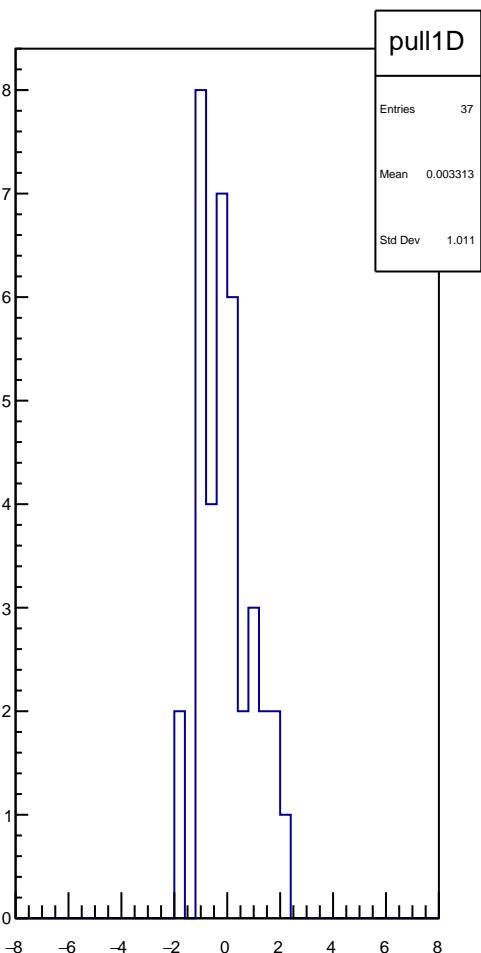
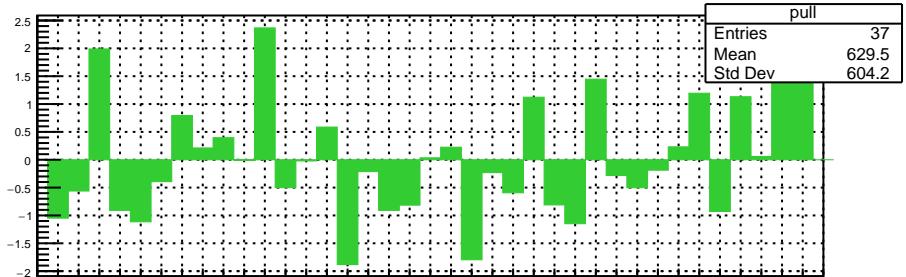
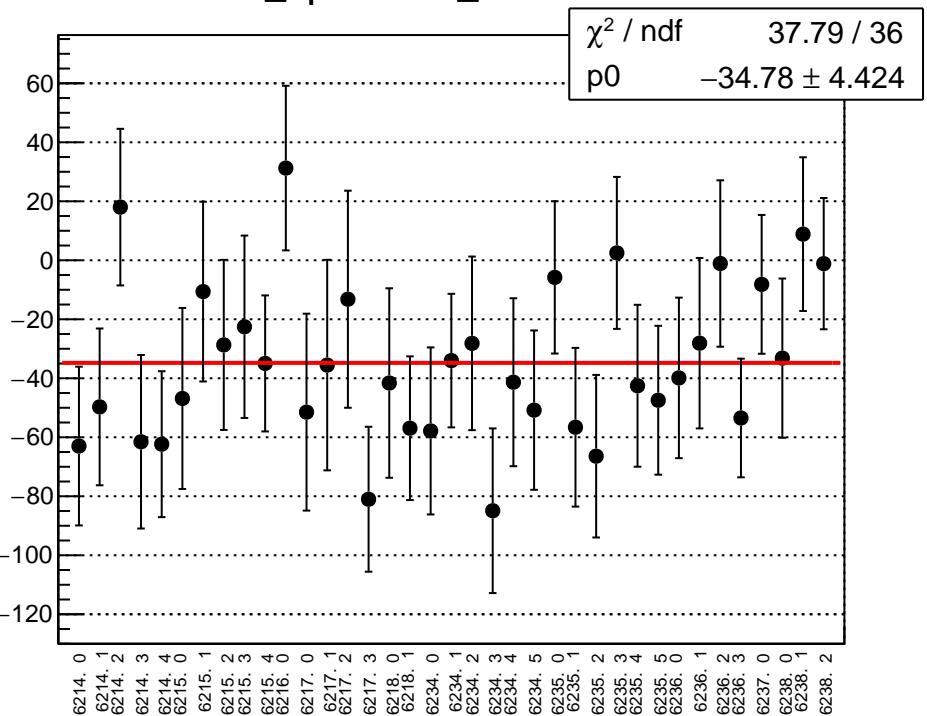
diff_bpm1i06X_mean vs run



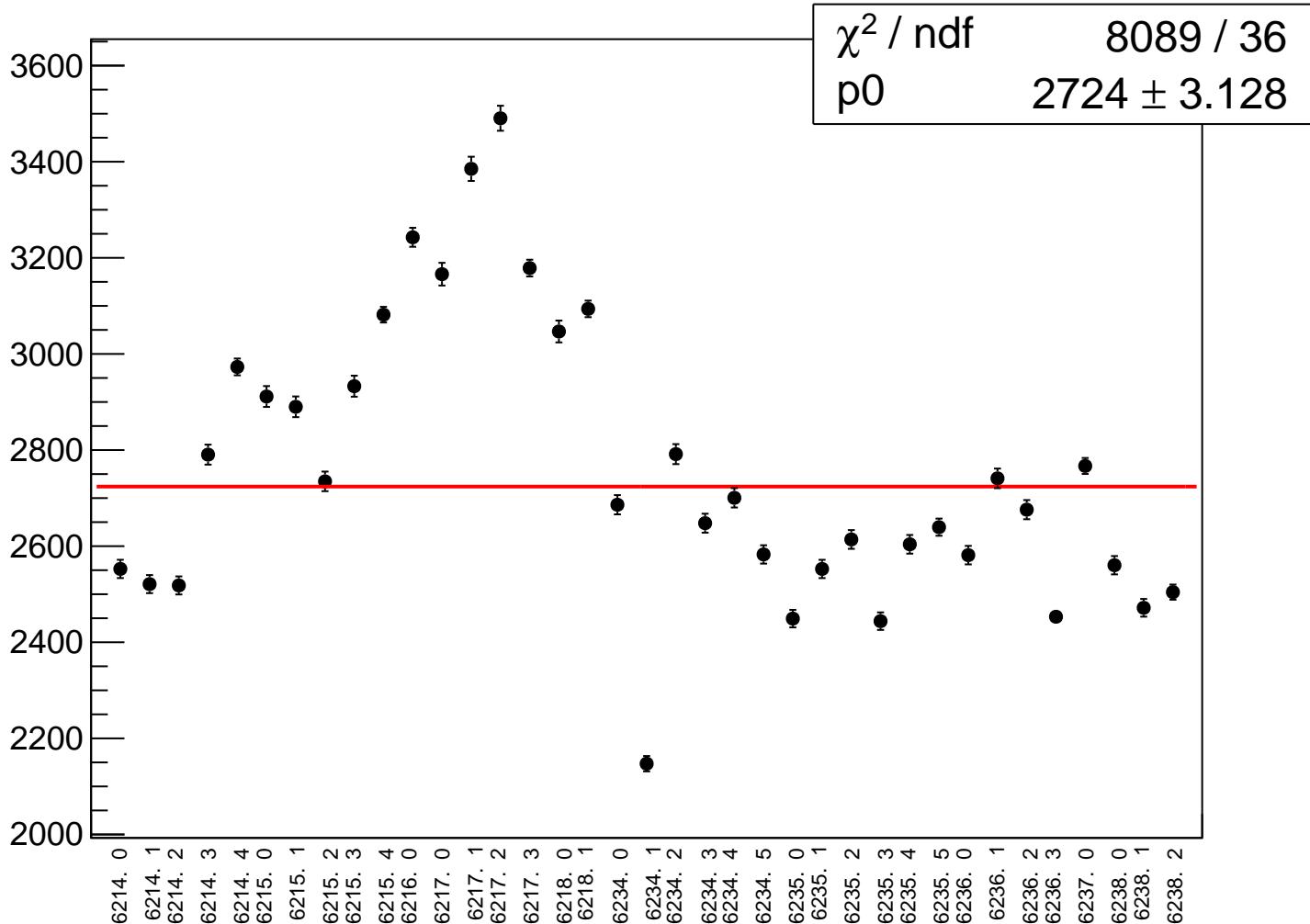
diff_bpm1i06X_rms vs run



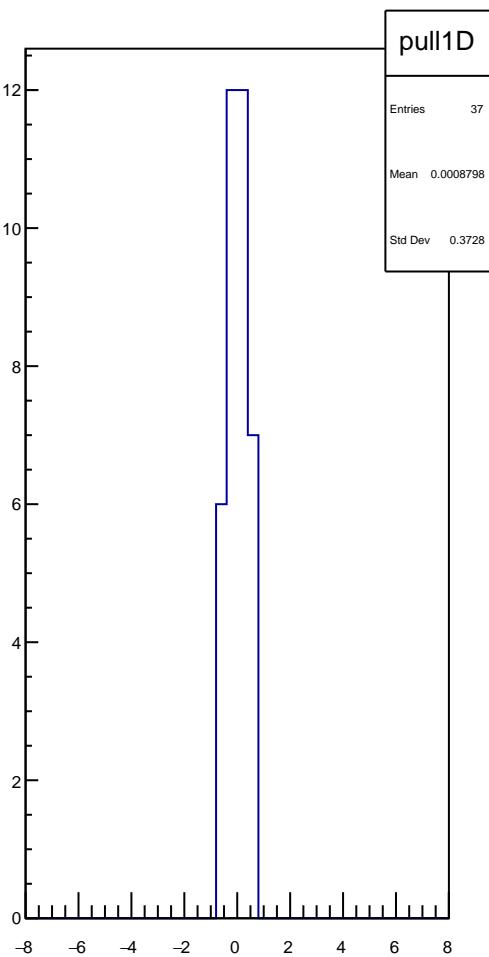
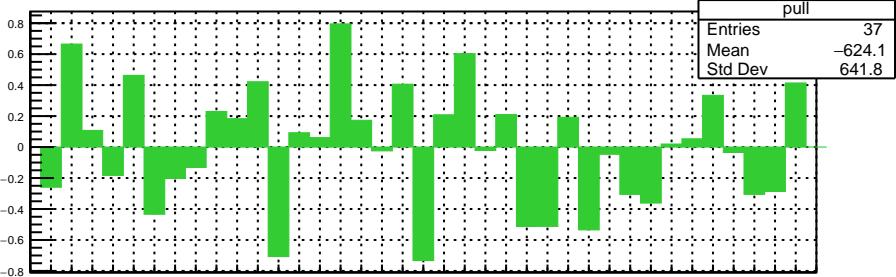
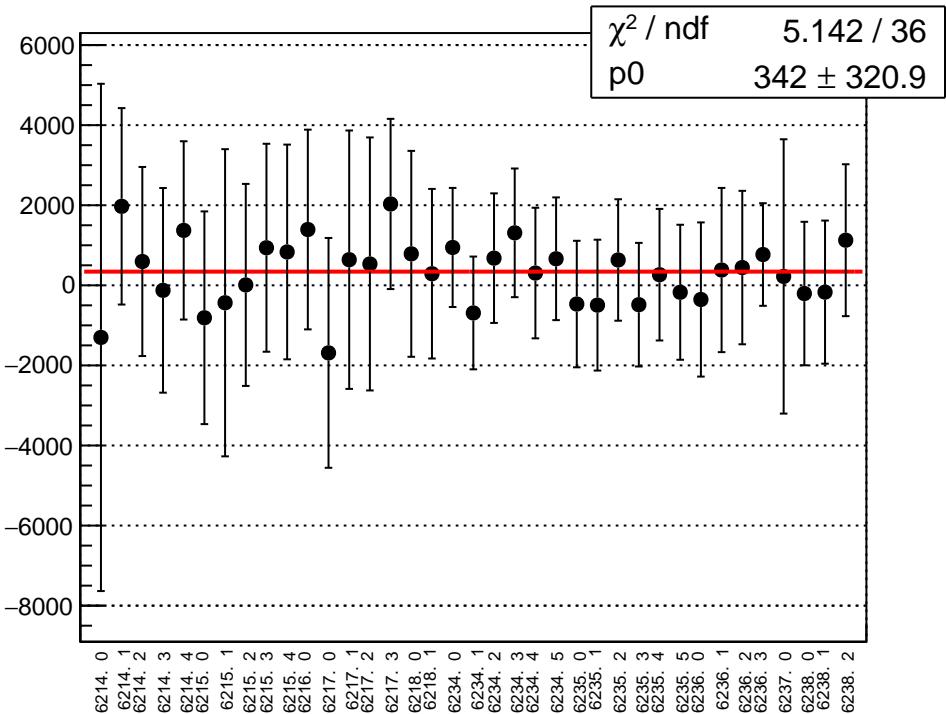
diff_bpm1i06Y_mean vs run



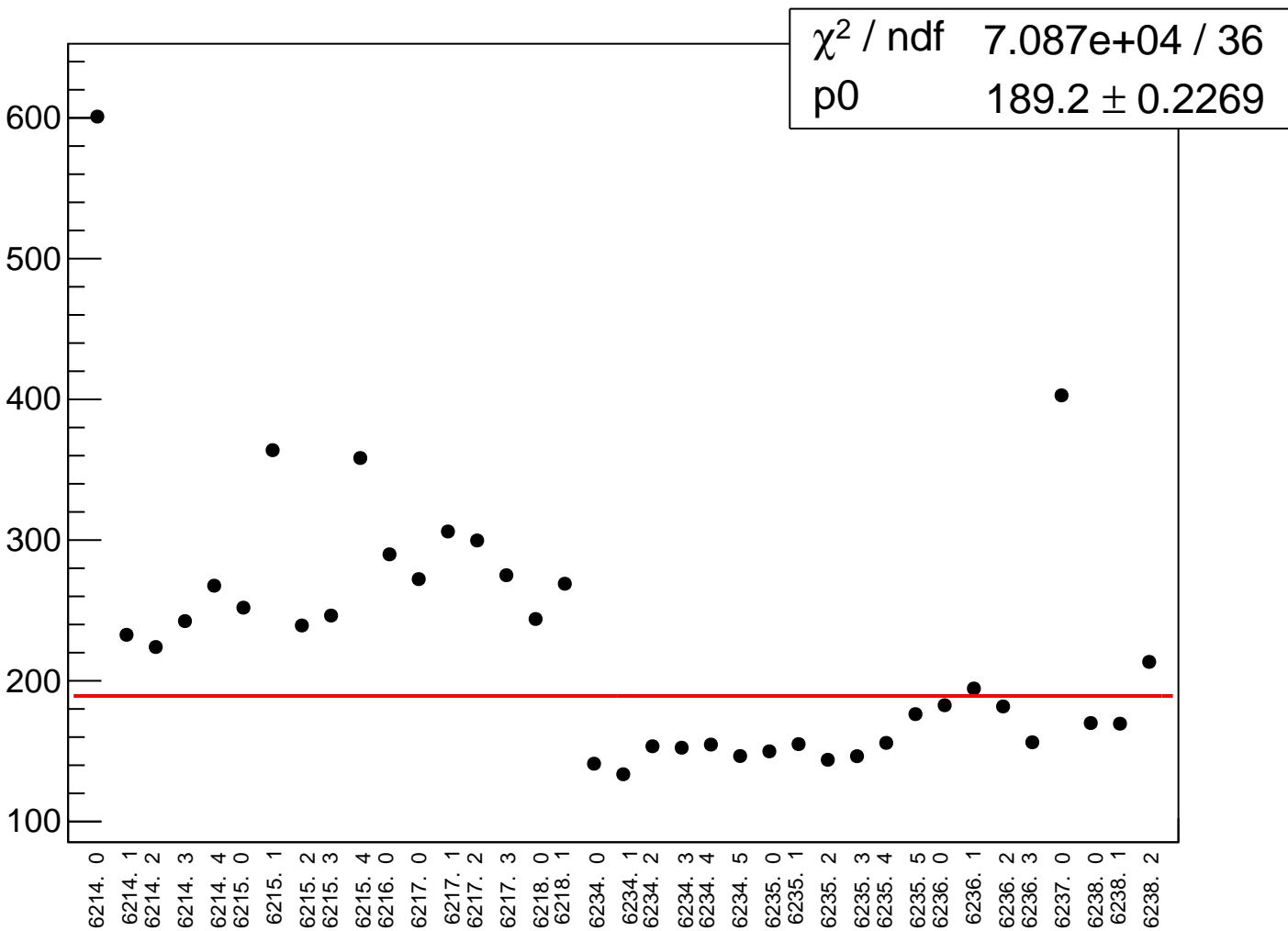
diff_bpm1i06Y_rms vs run



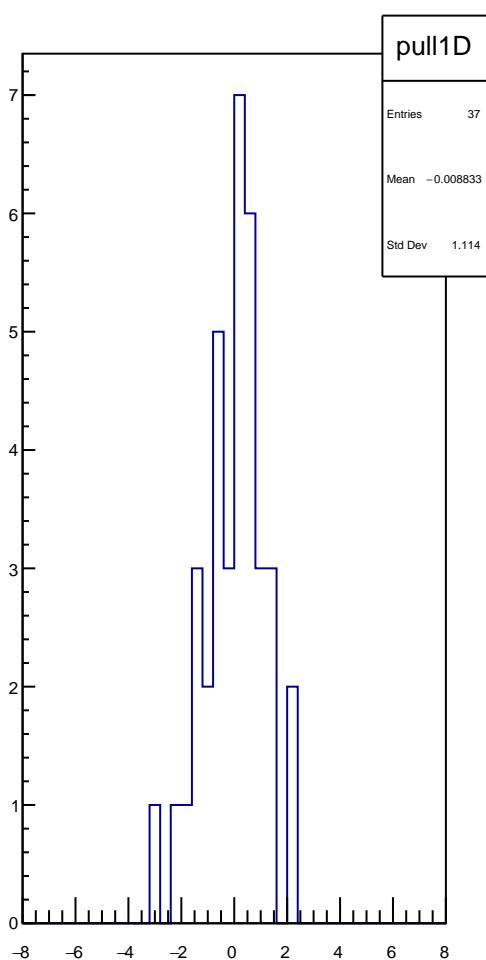
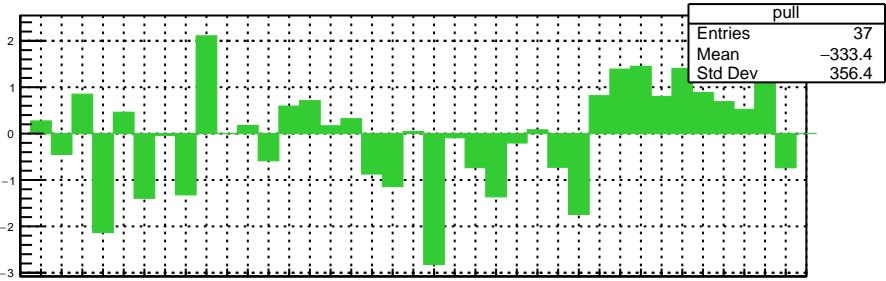
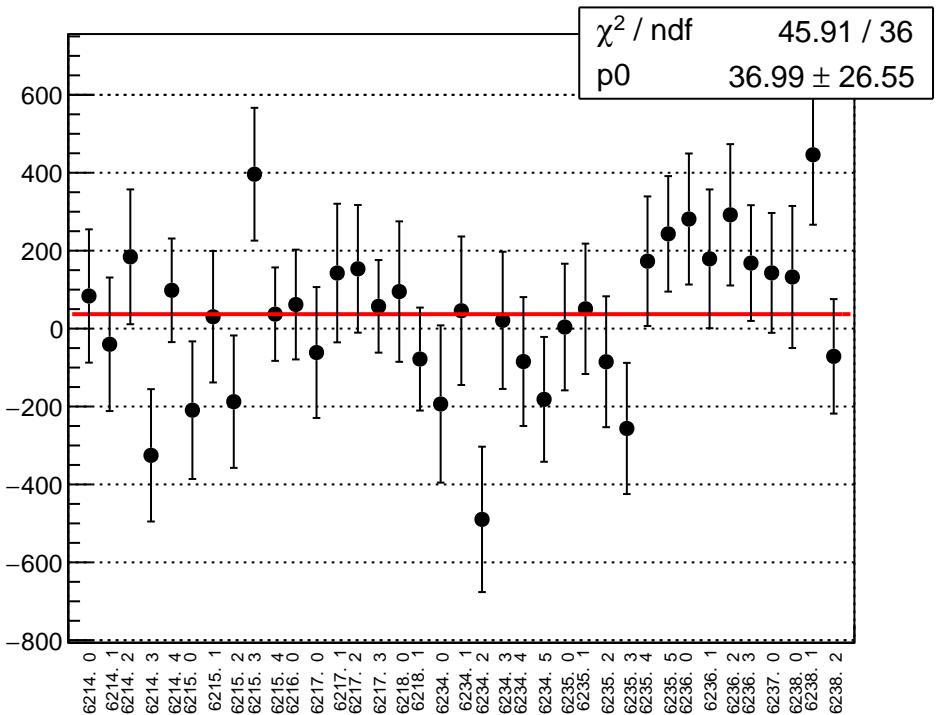
asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs run



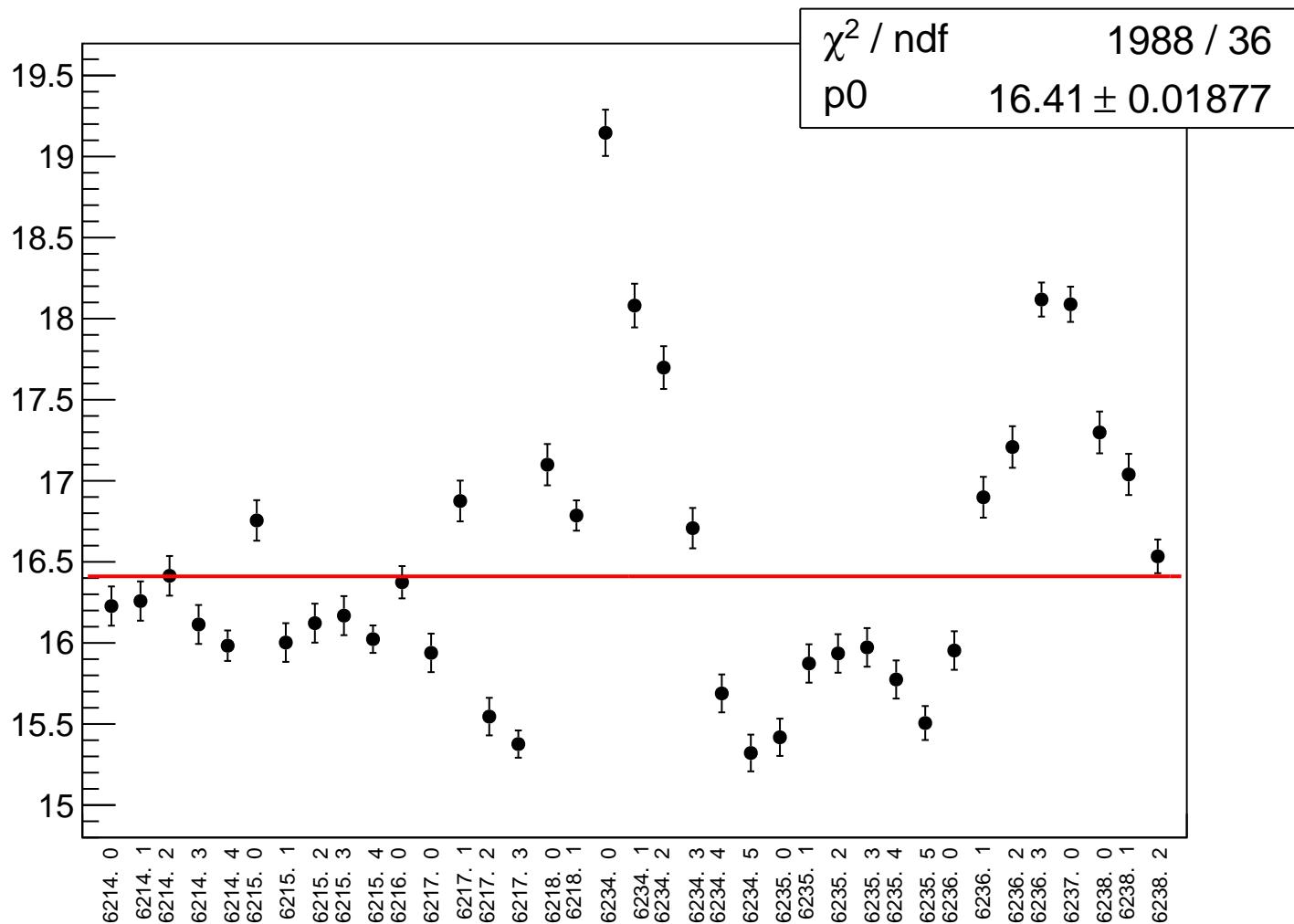
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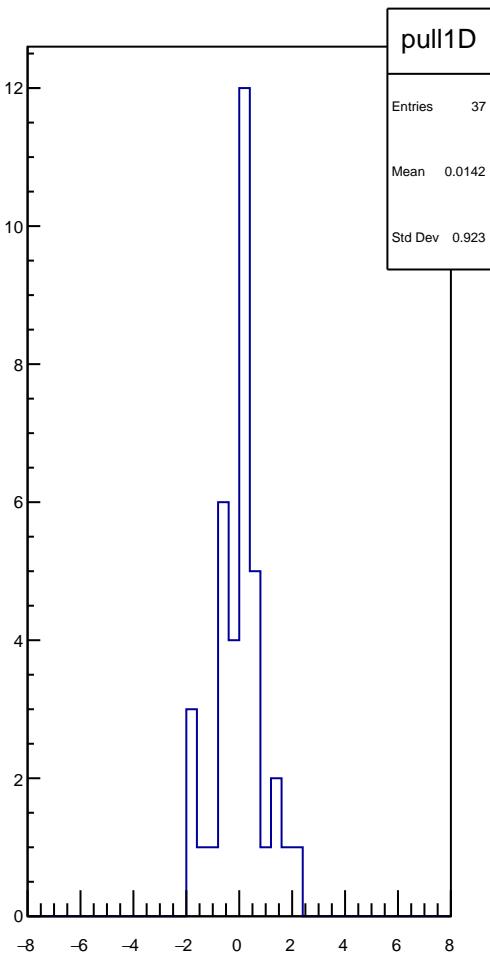
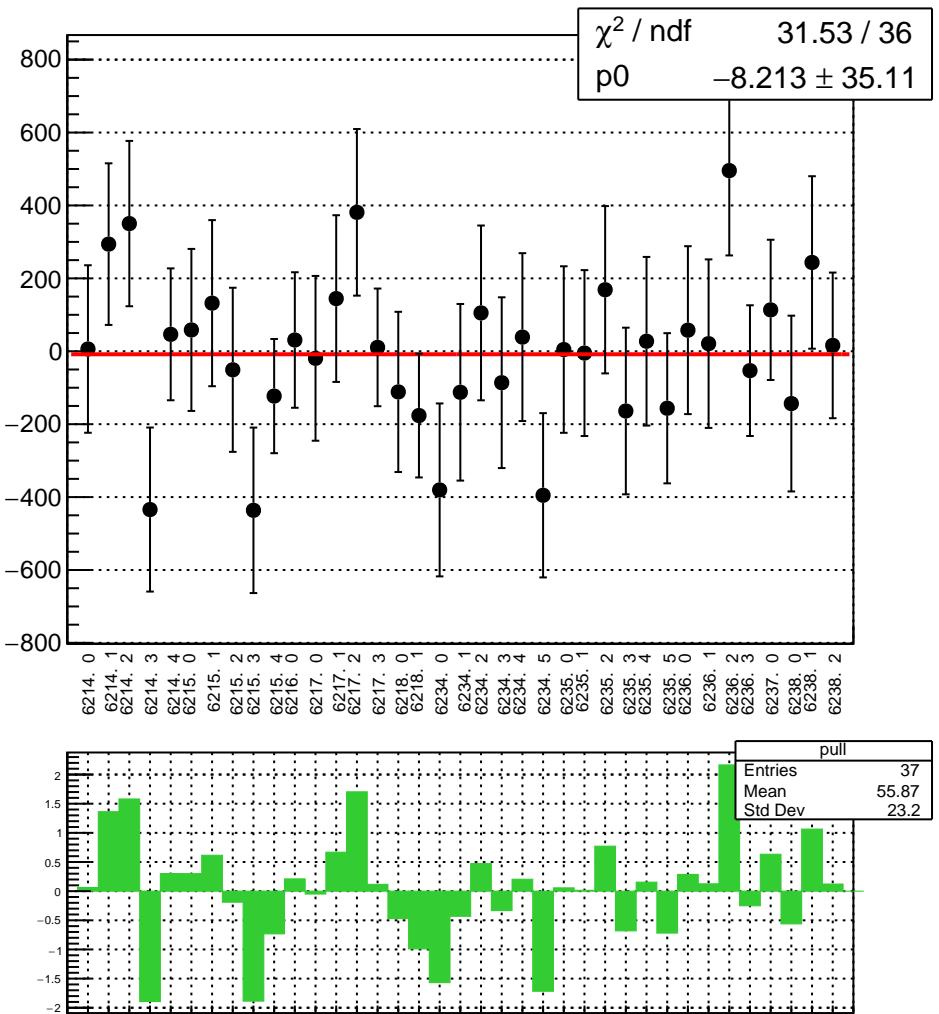
asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs run



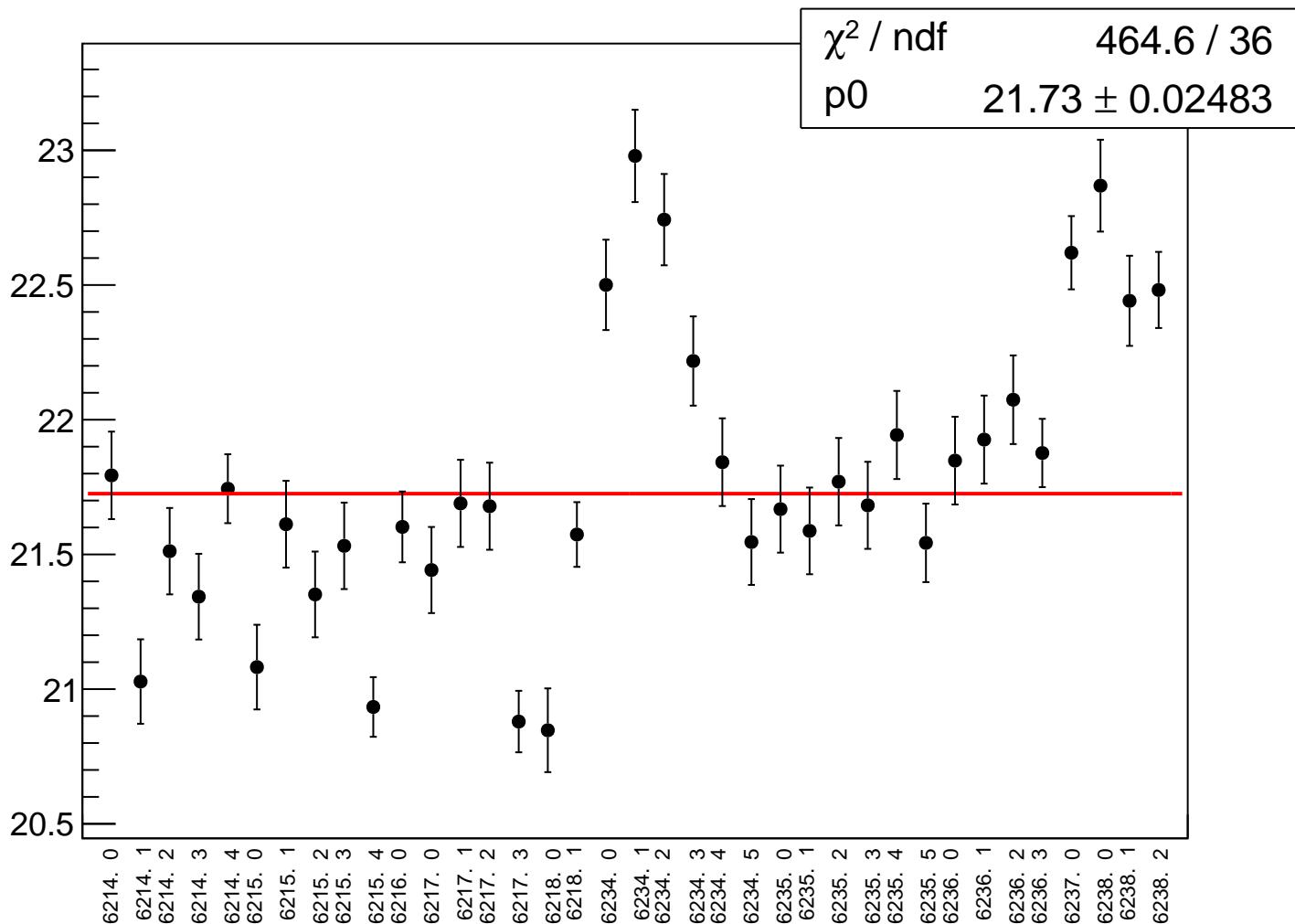
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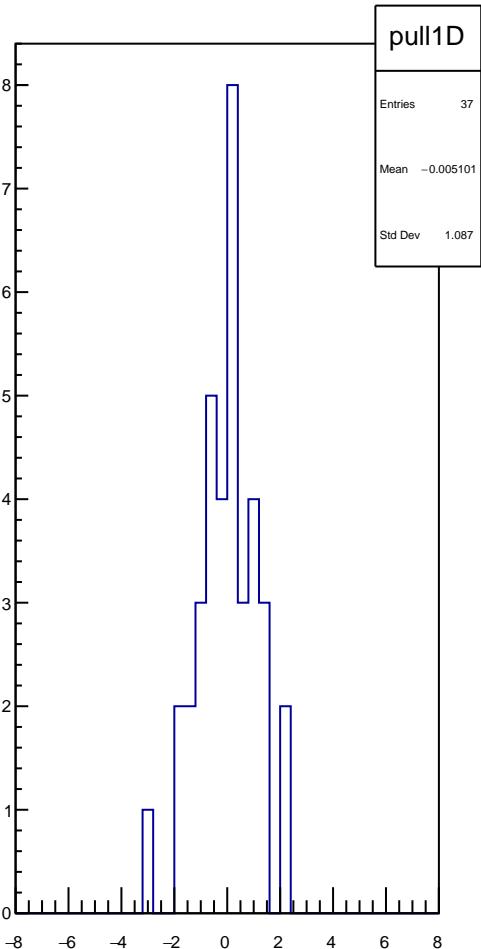
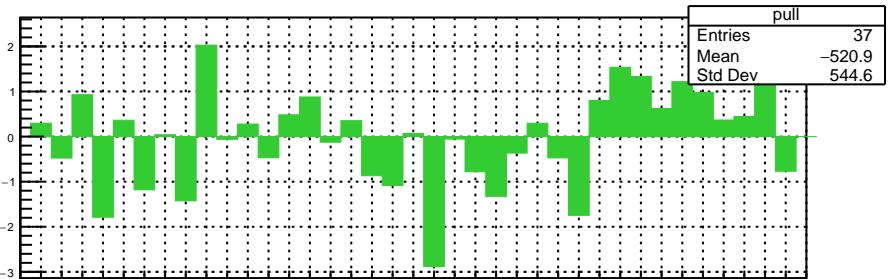
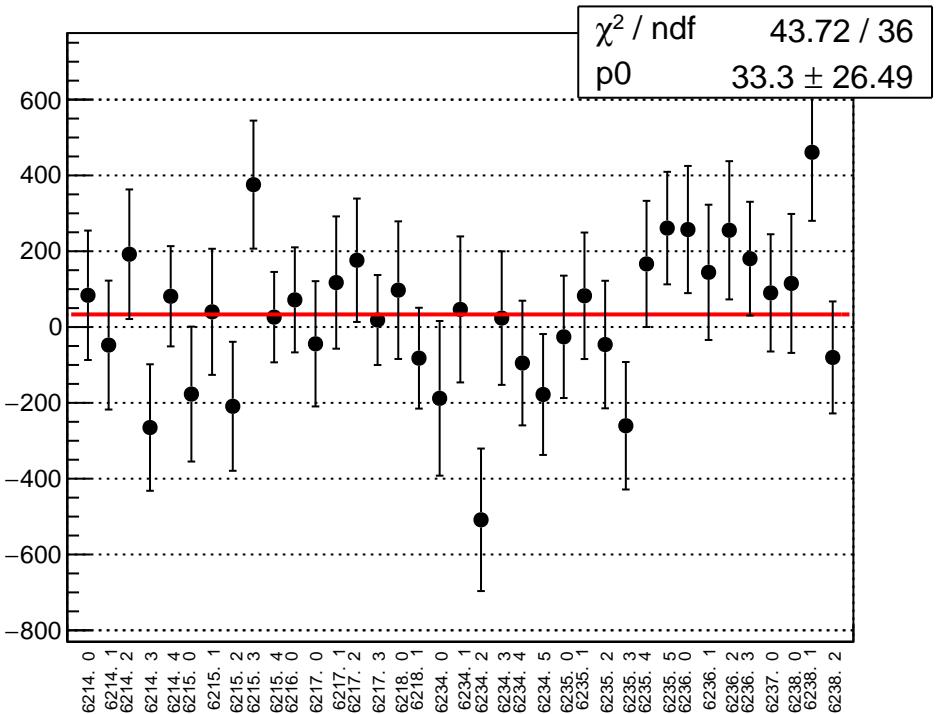
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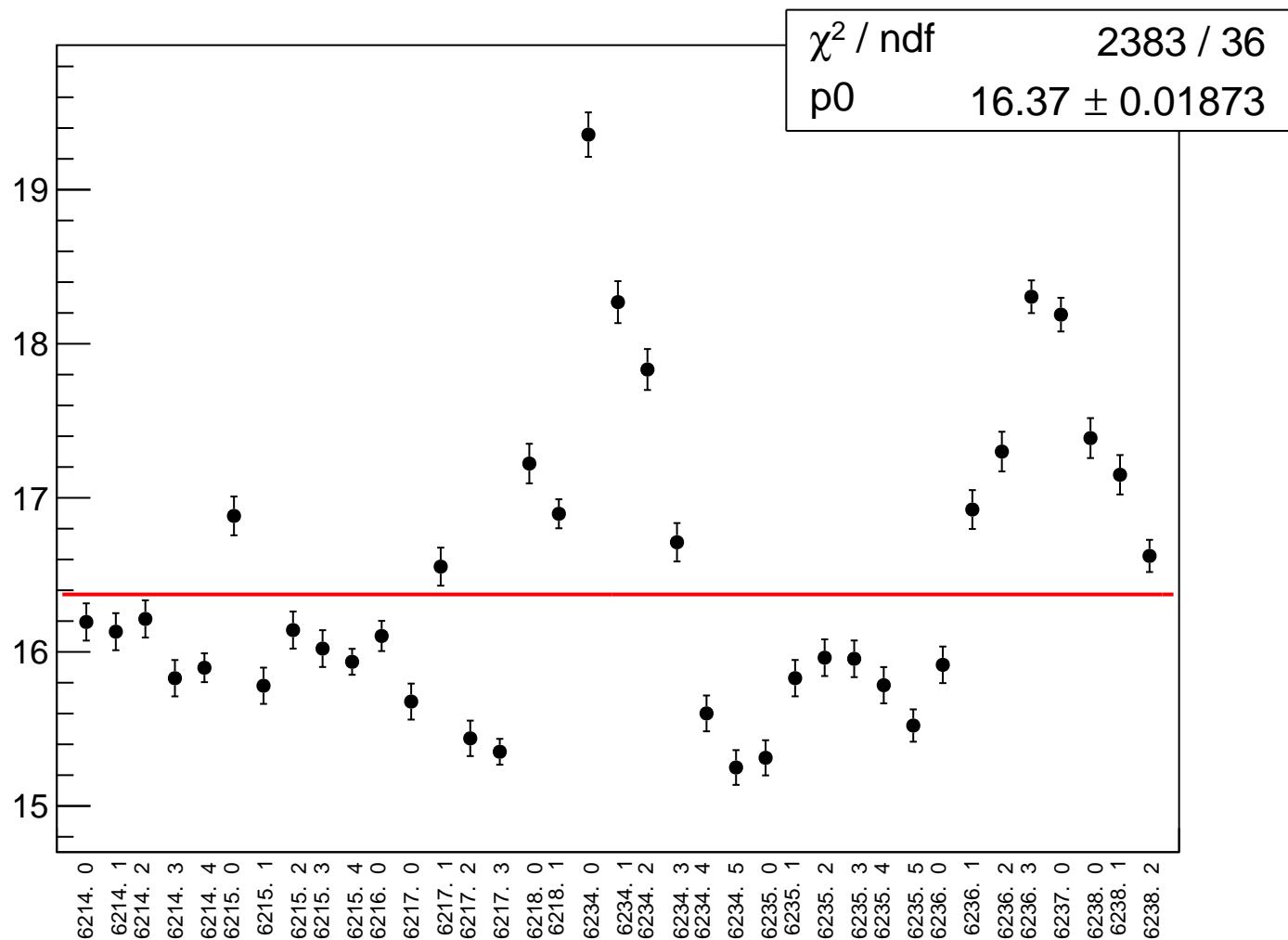
asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs run



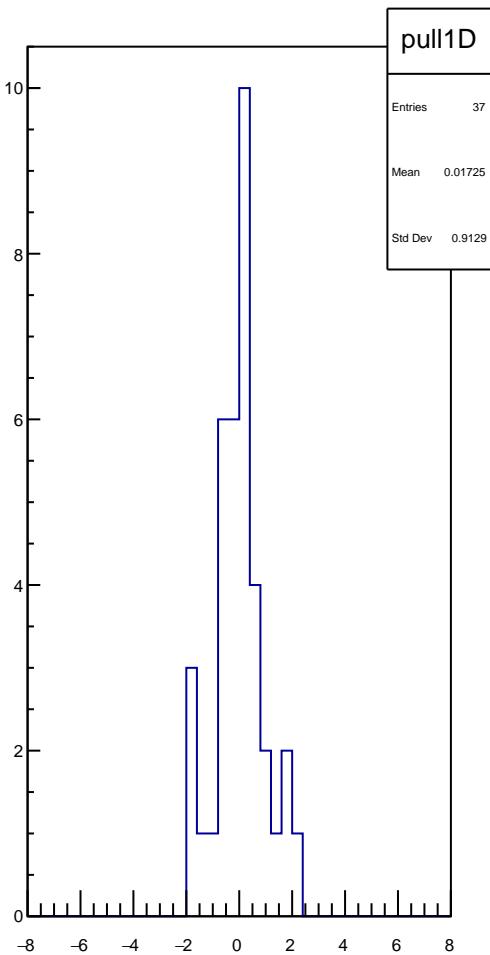
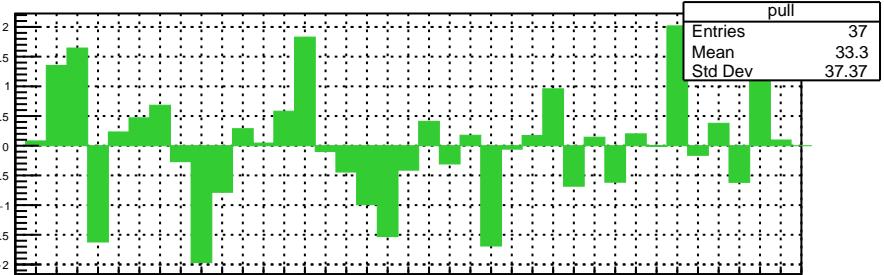
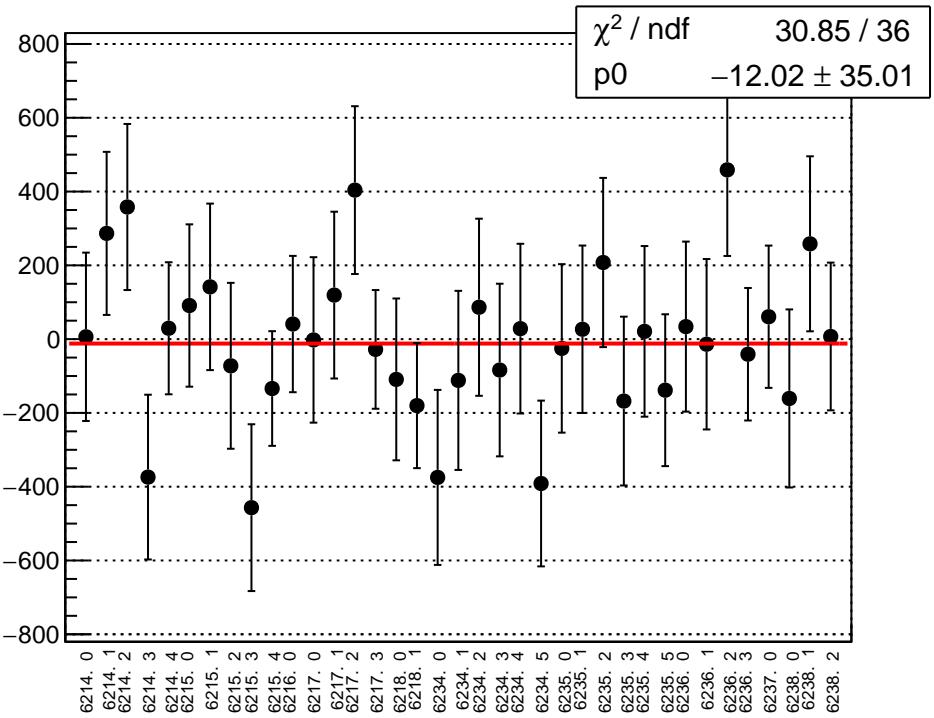
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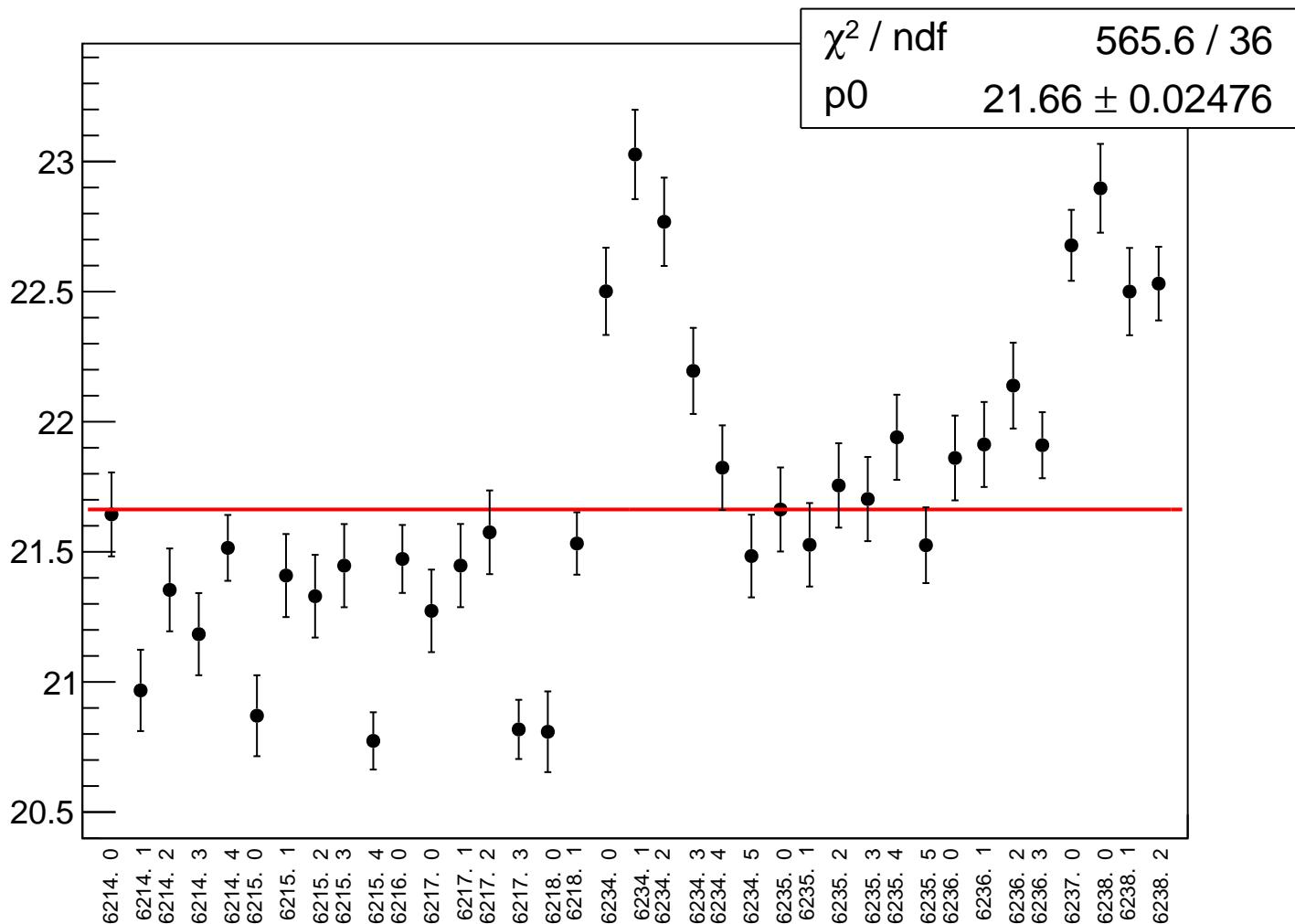
asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs run



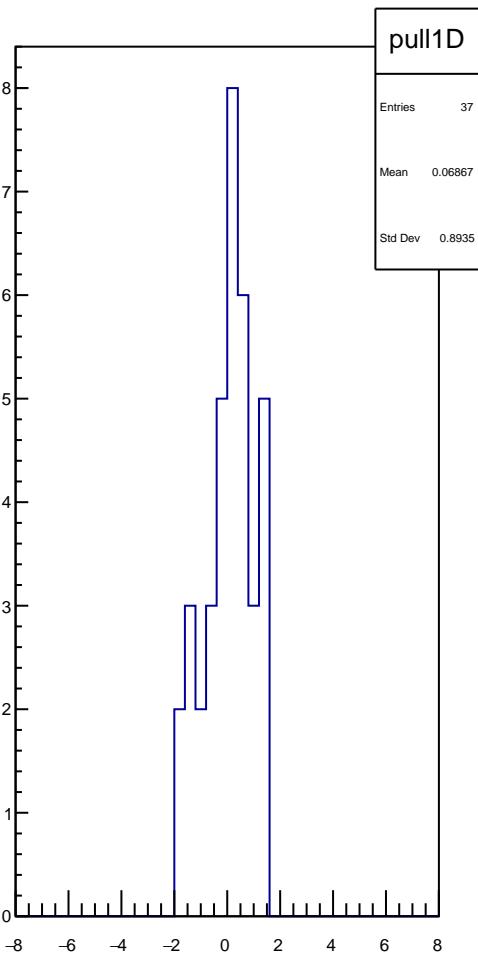
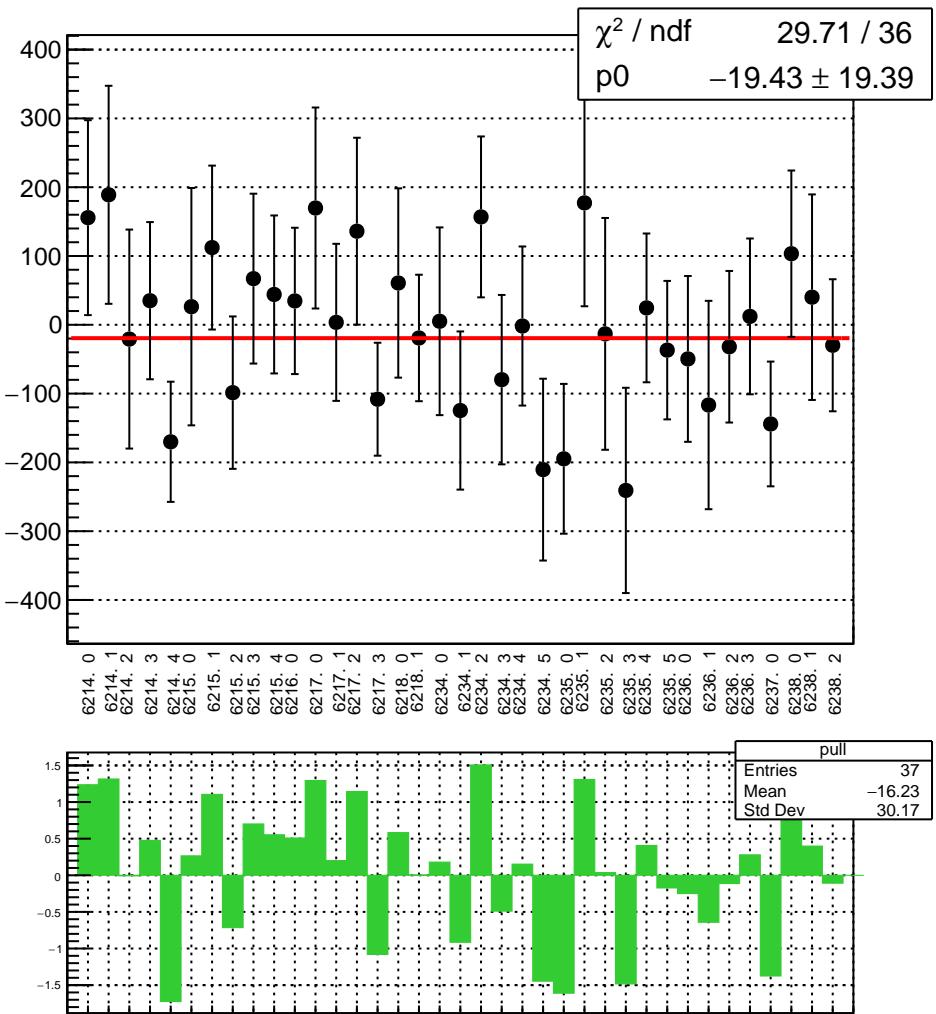
asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs run



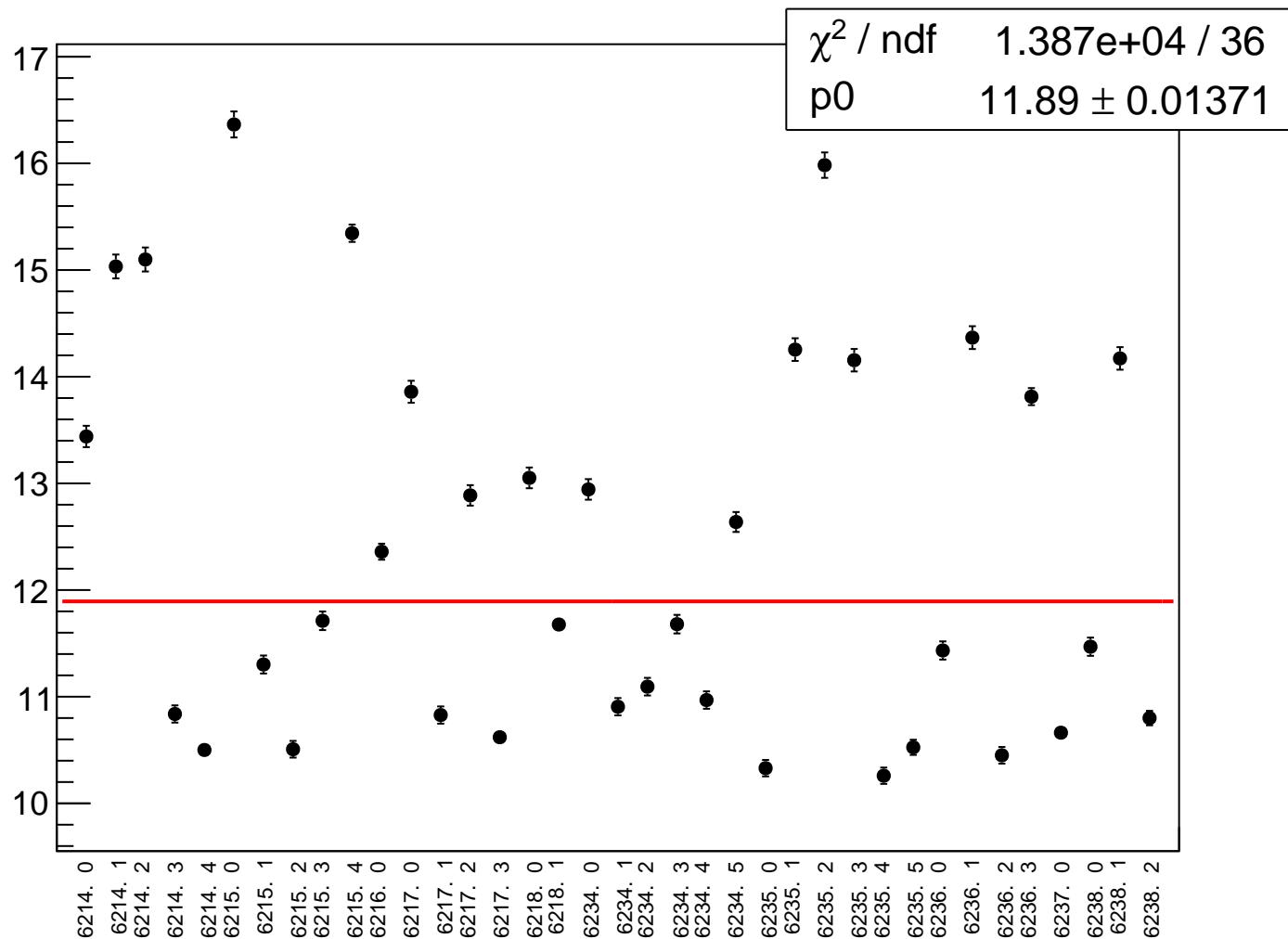
asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs run



asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs run

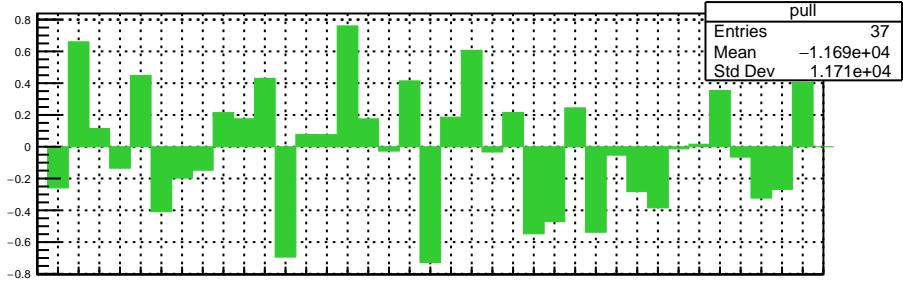
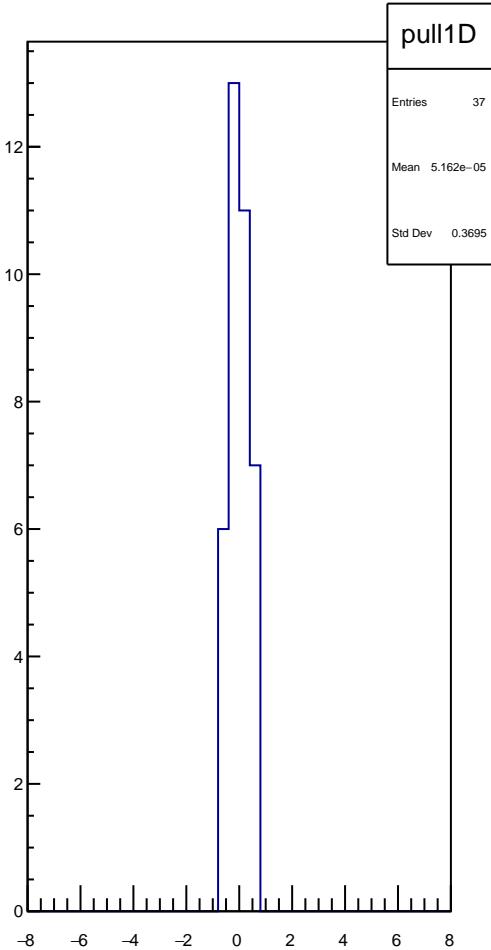
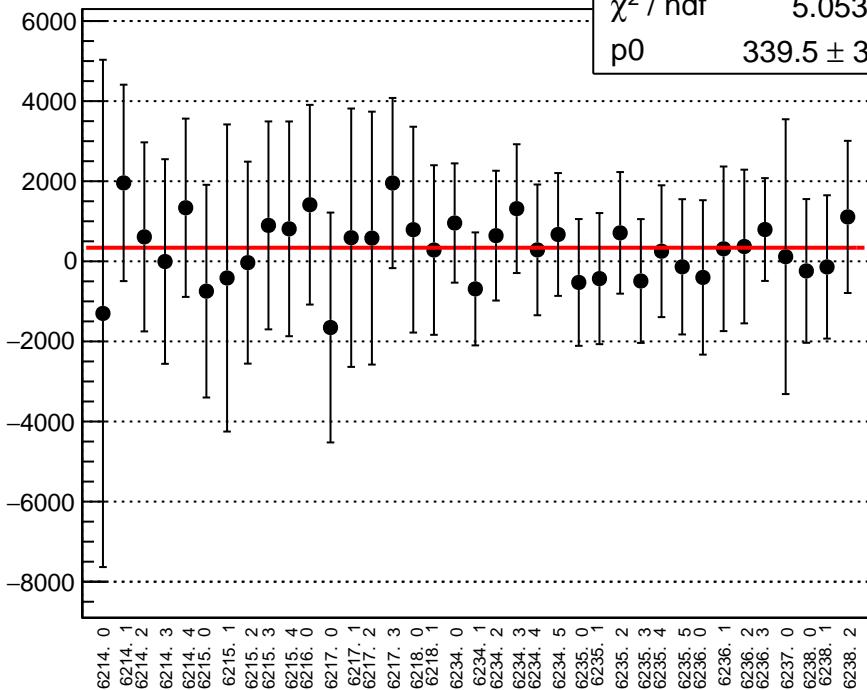


asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs run

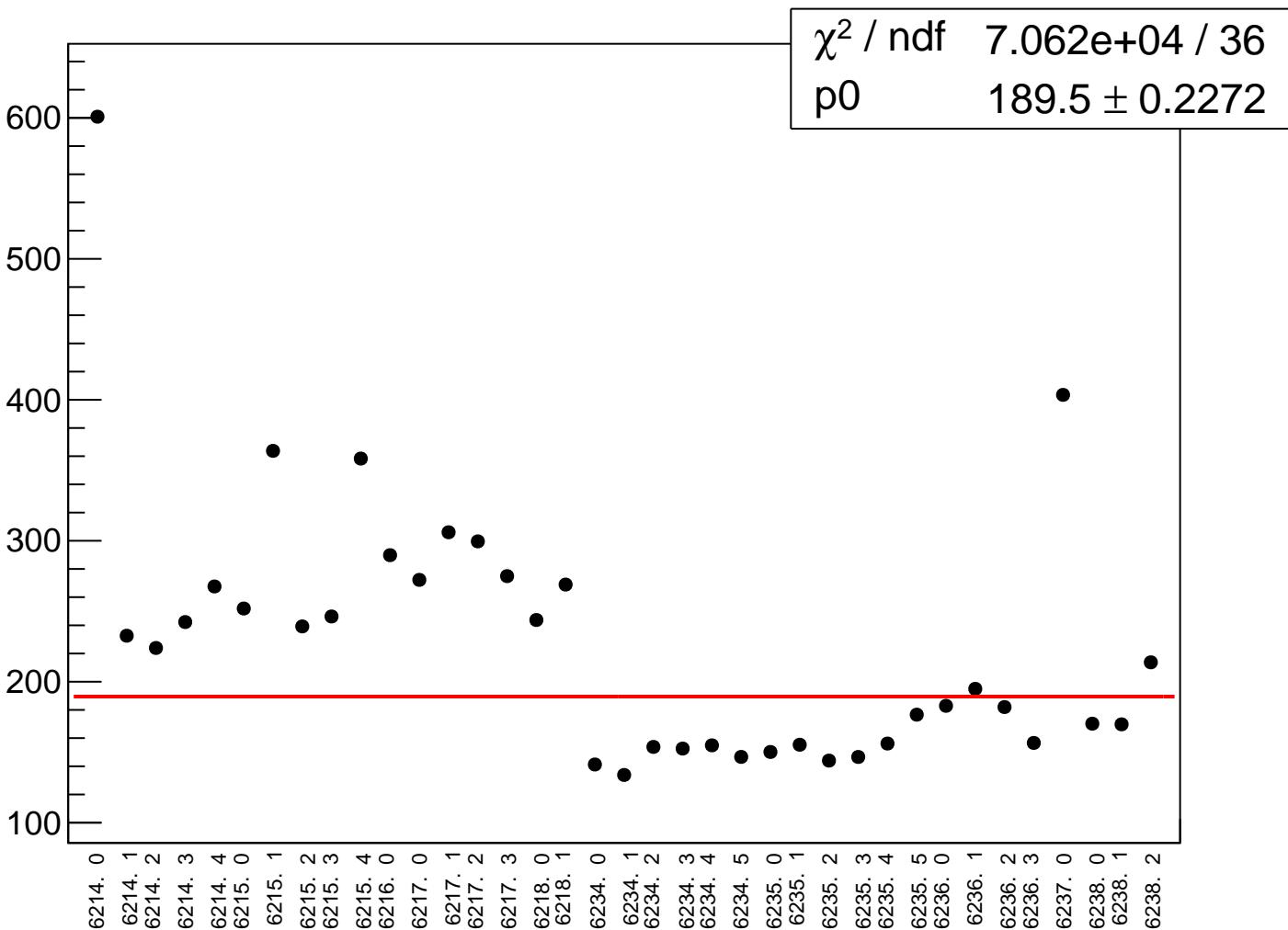


asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs run

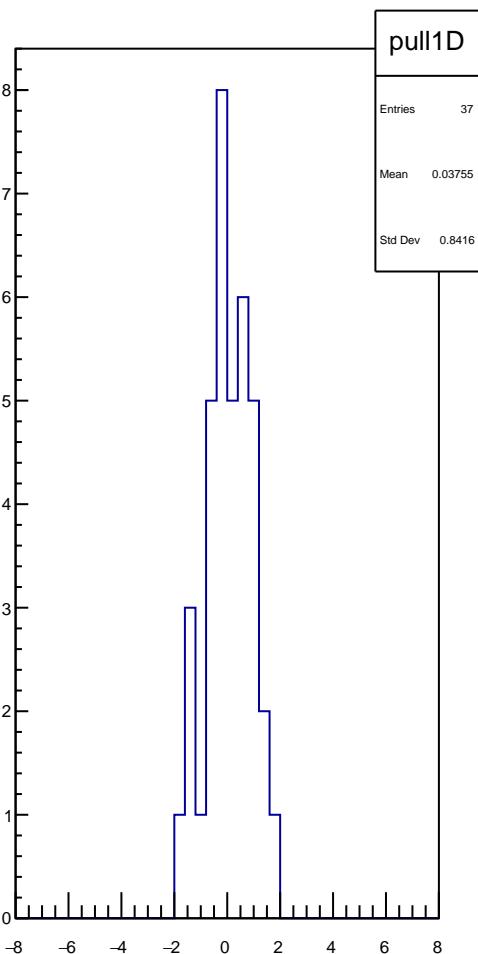
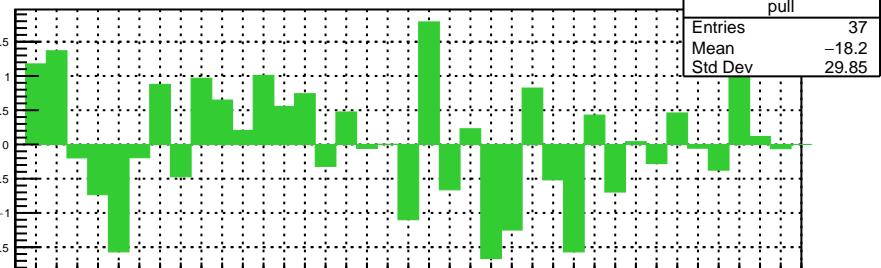
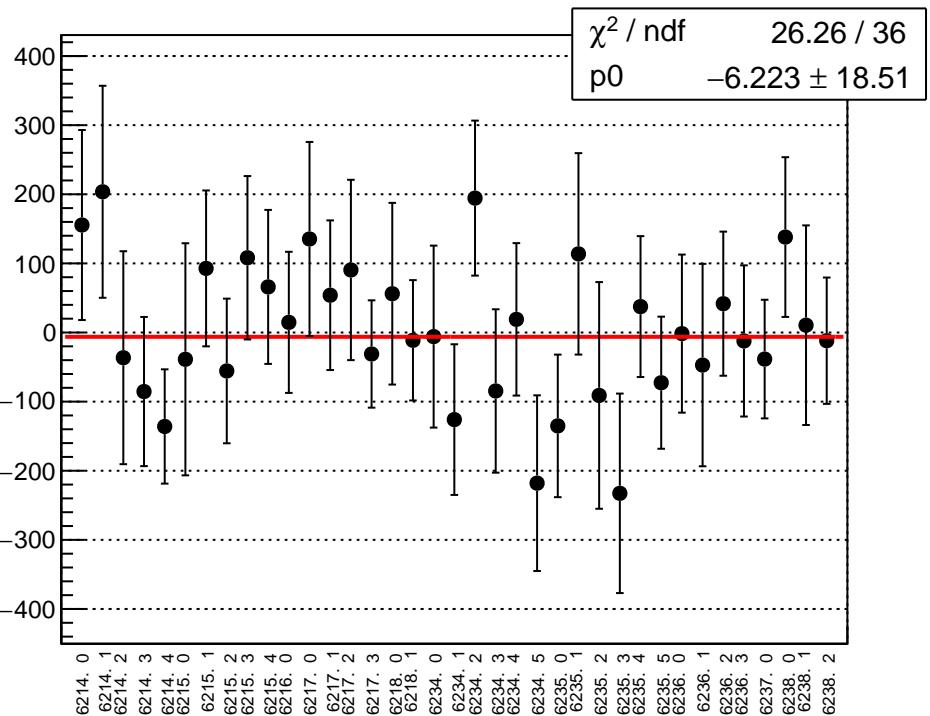
χ^2 / ndf 5.053 / 36
p0 339.5 ± 321.2



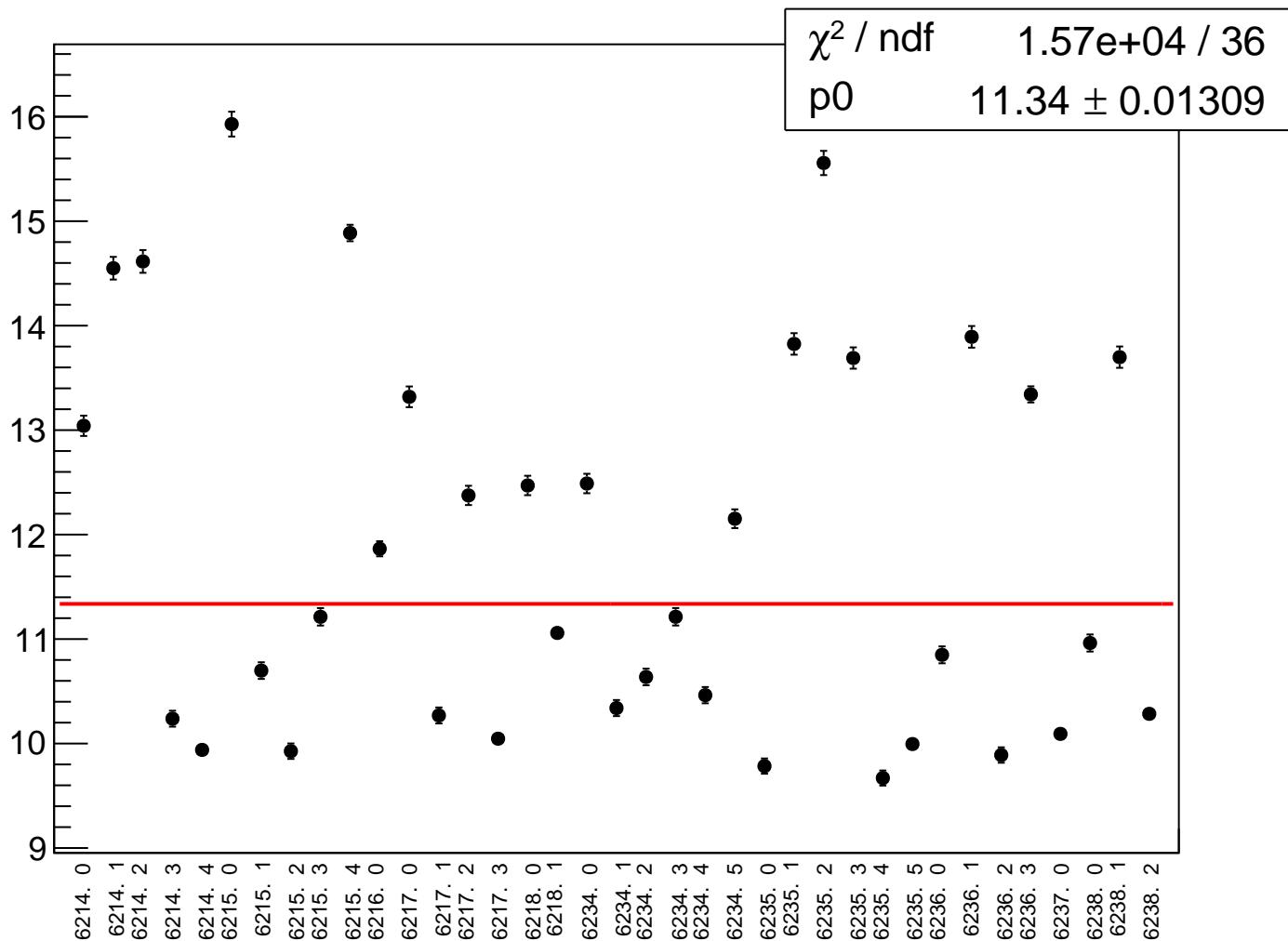
asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs run



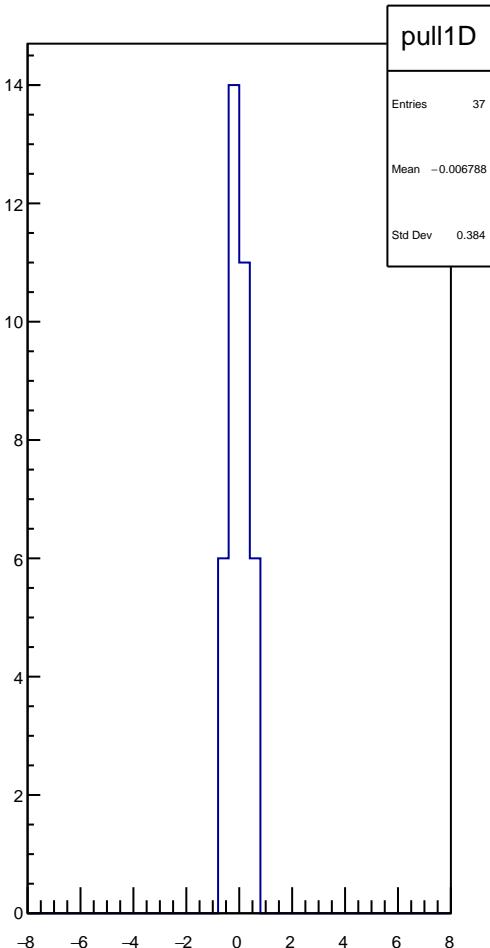
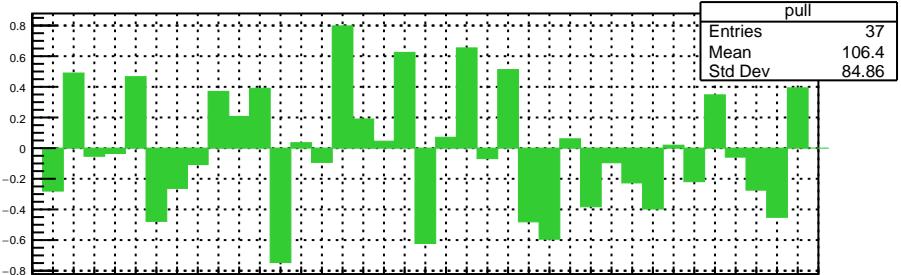
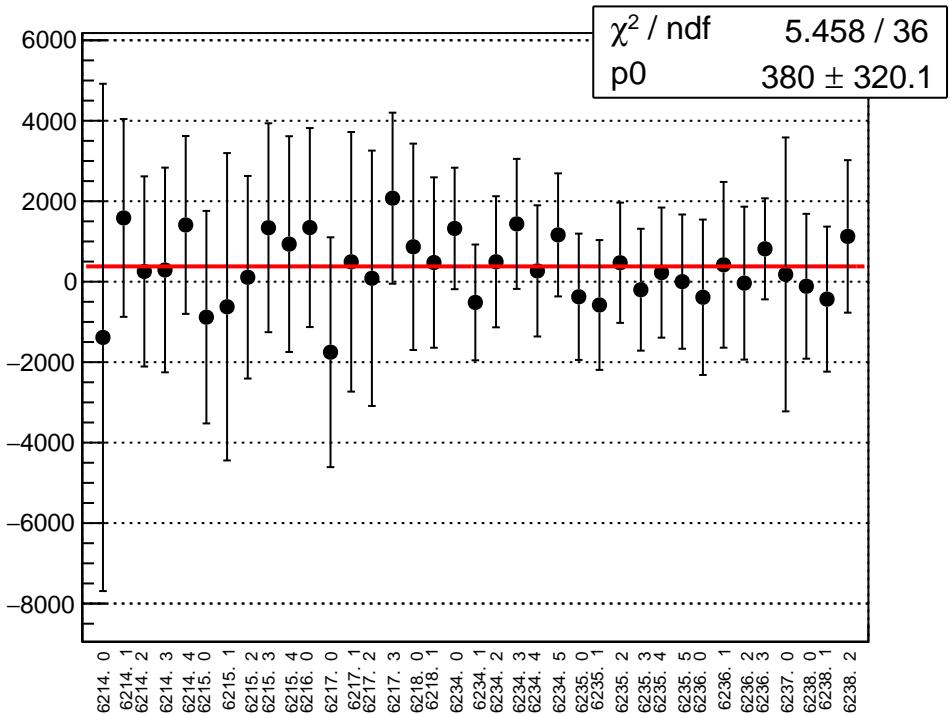
asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs run



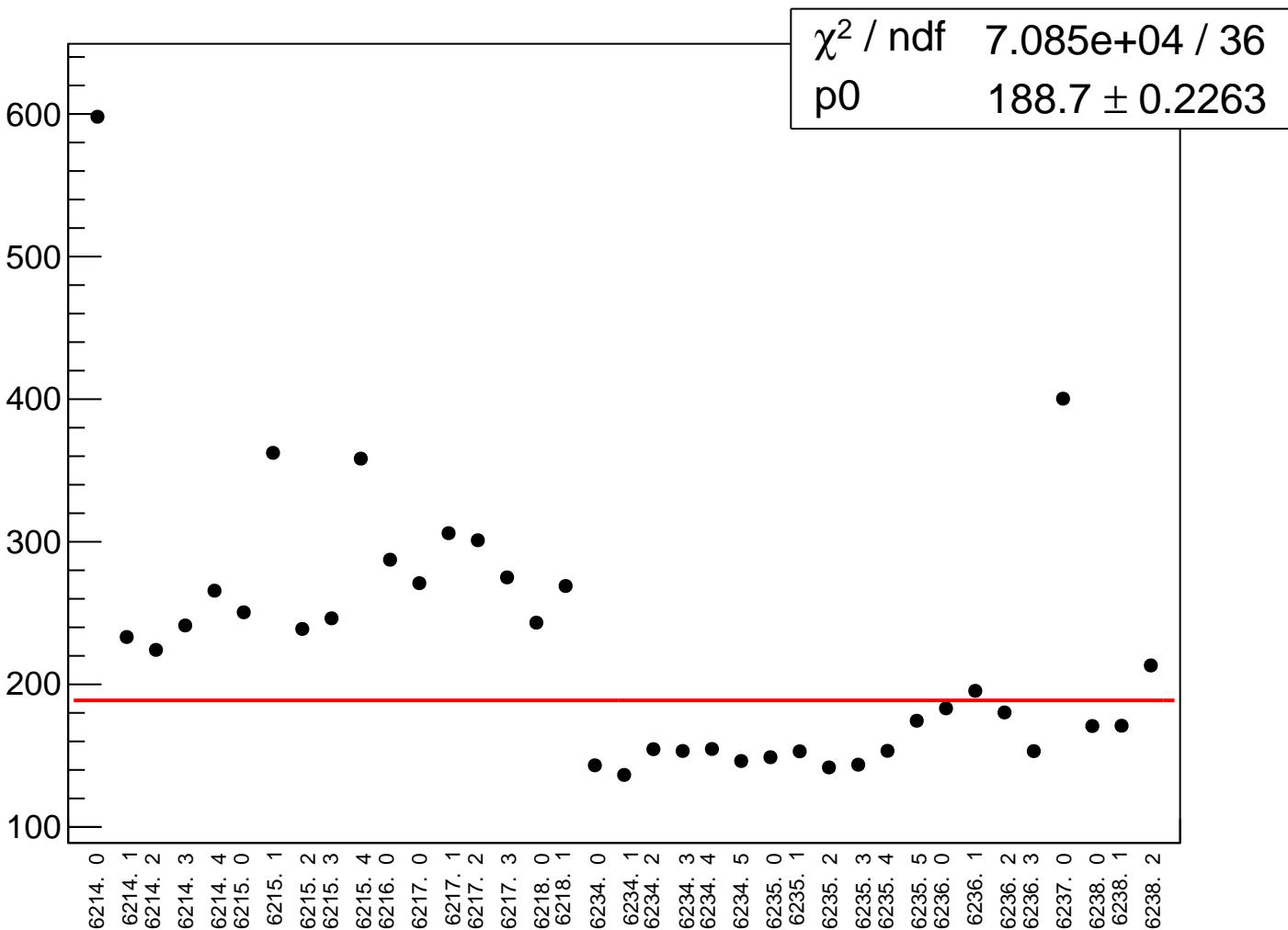
asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs run



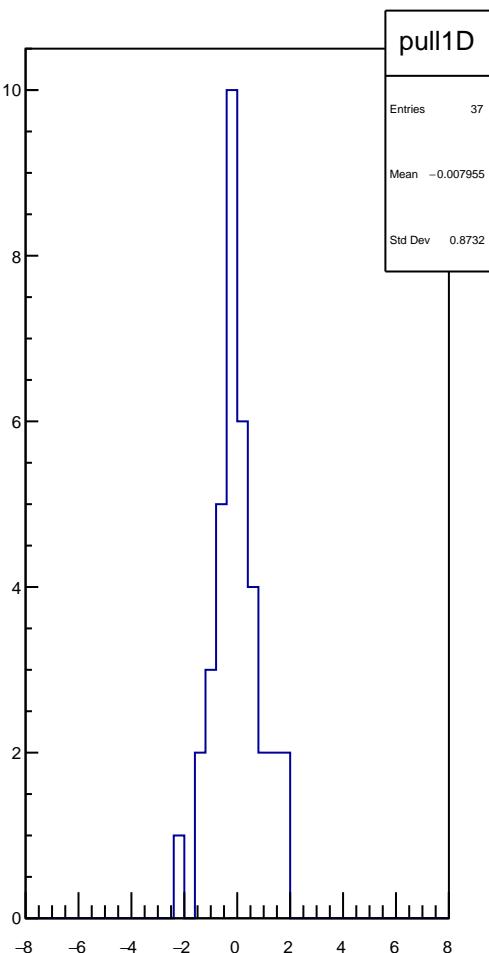
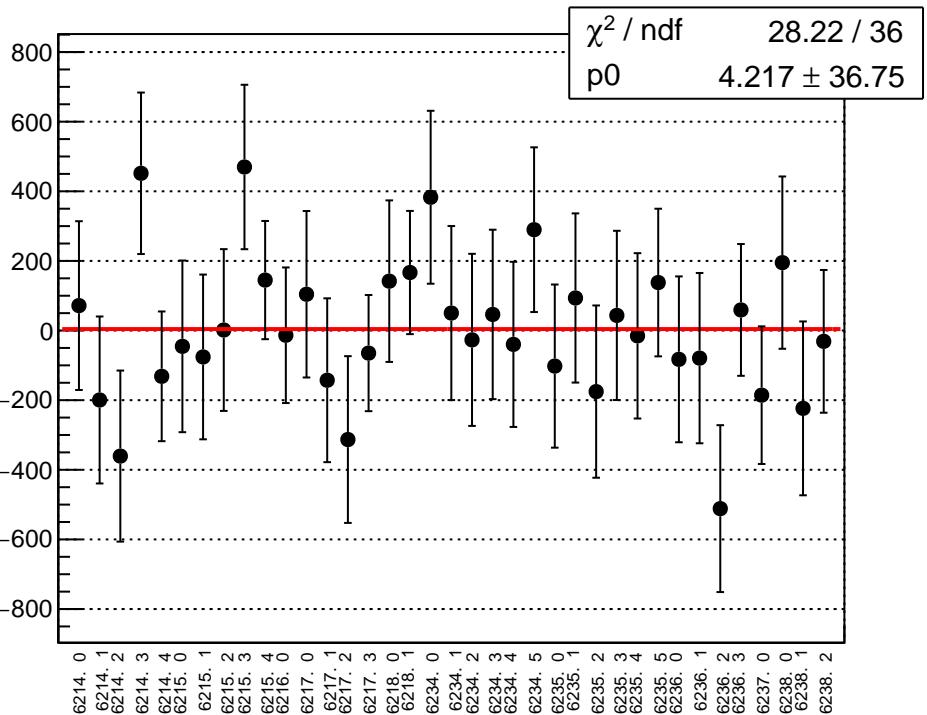
asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs run



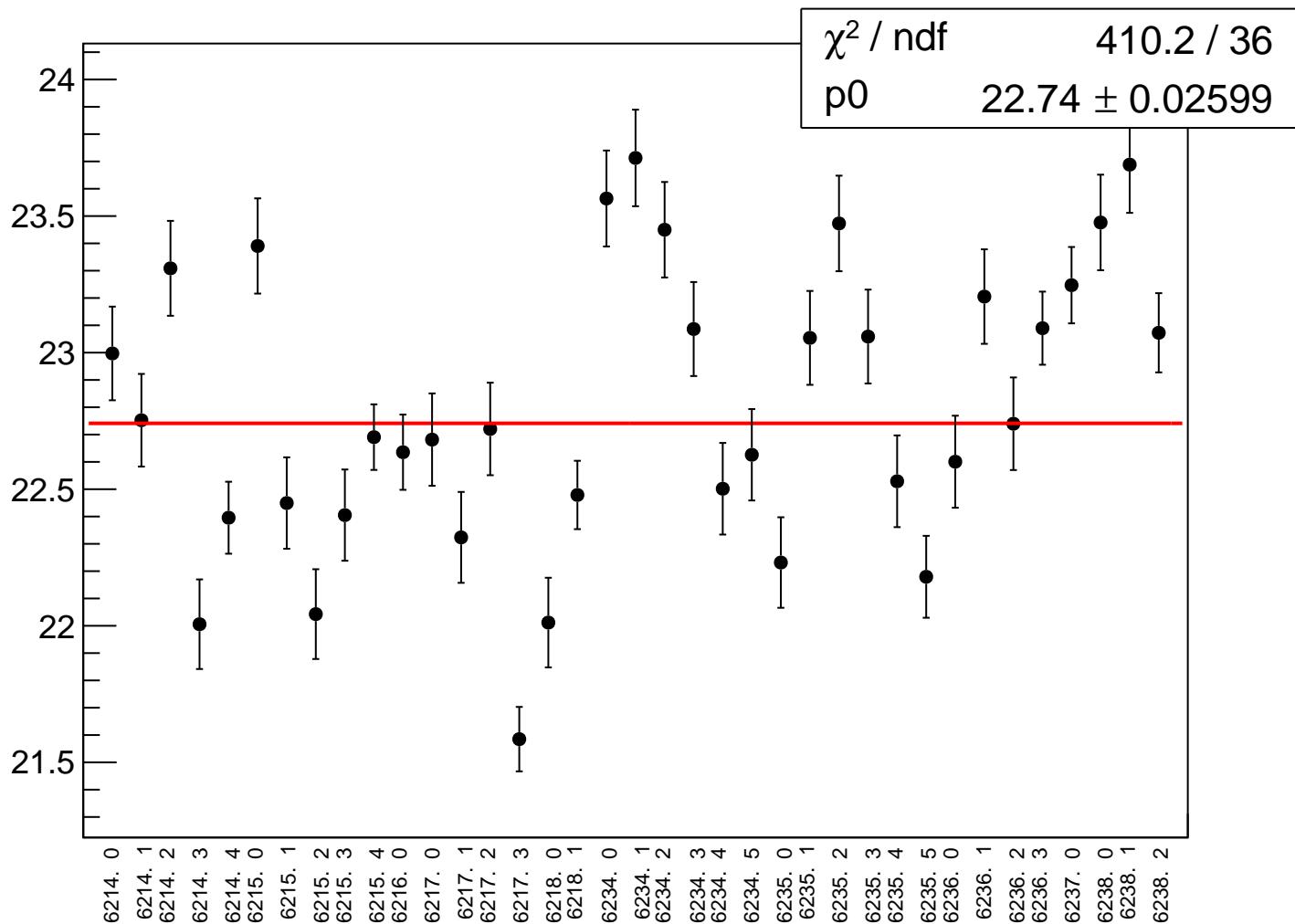
asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs run



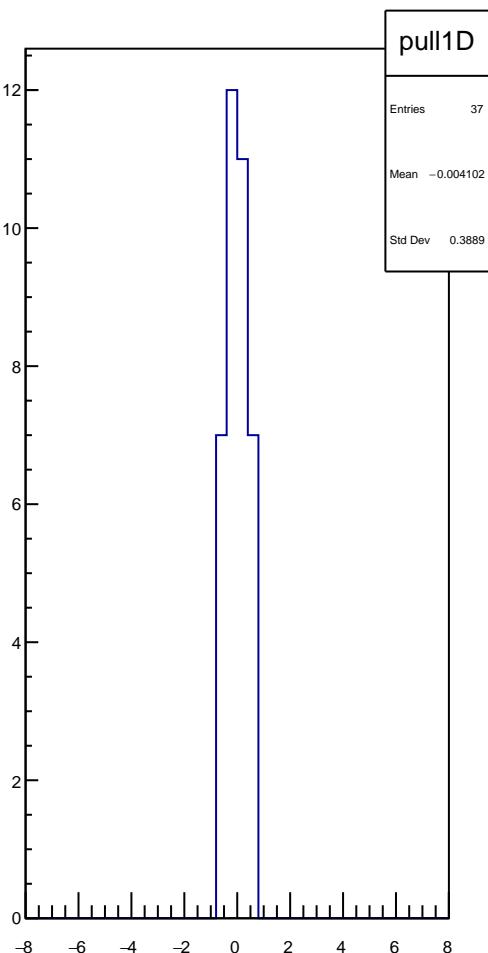
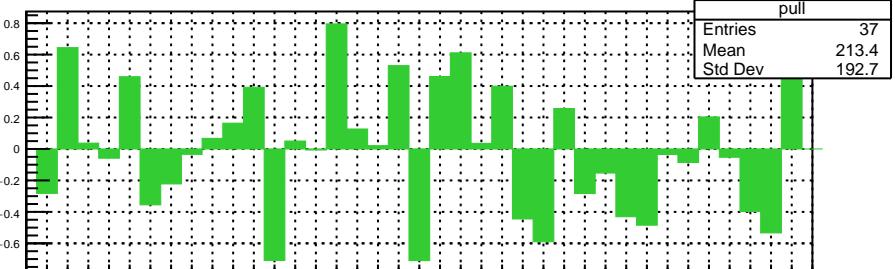
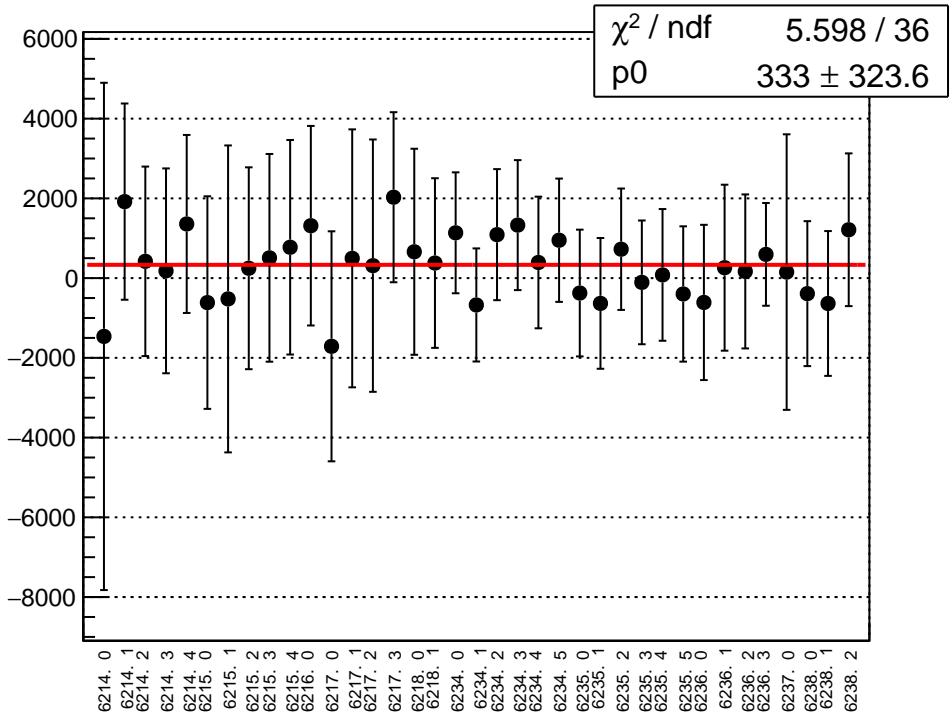
asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs run



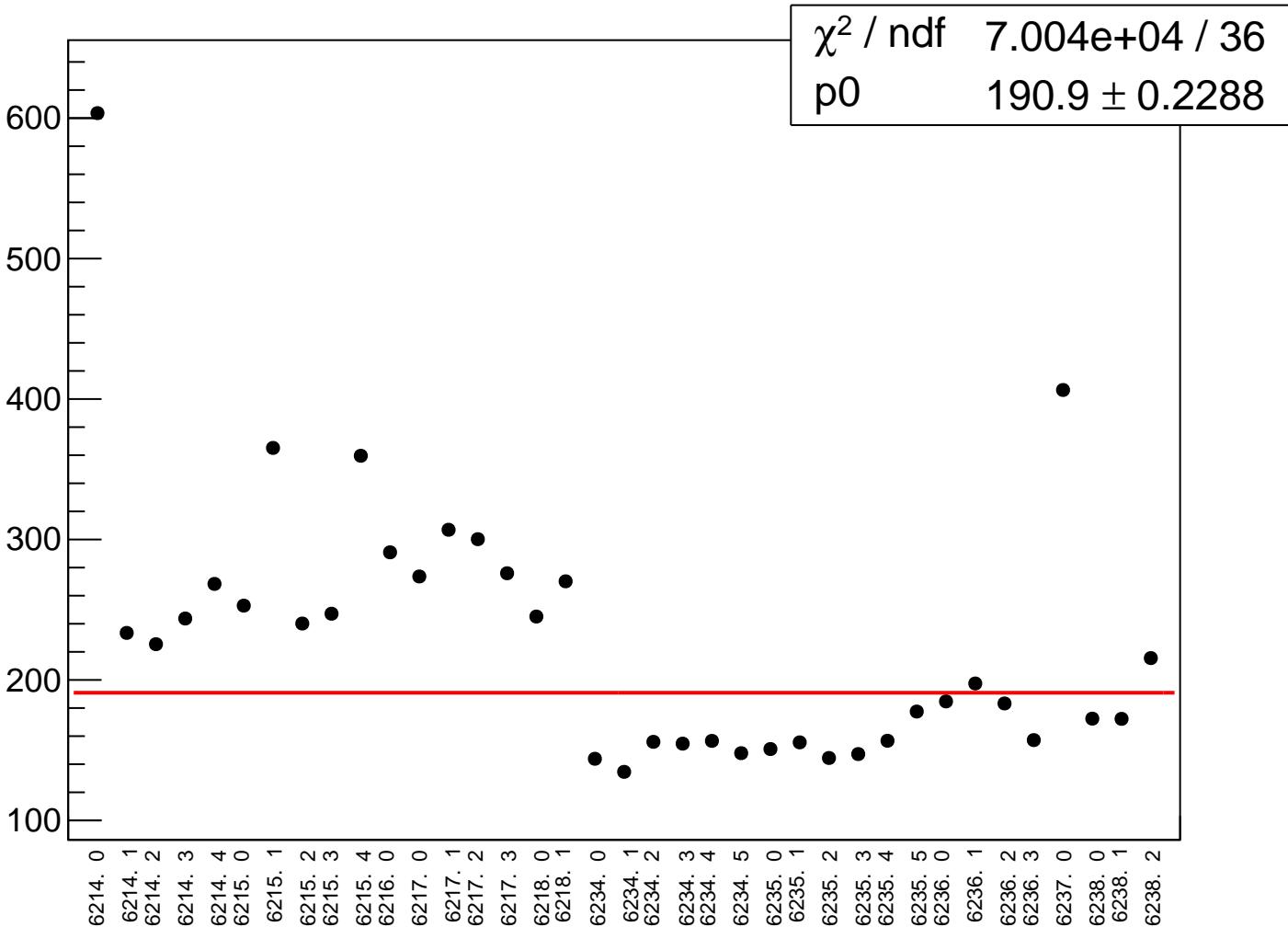
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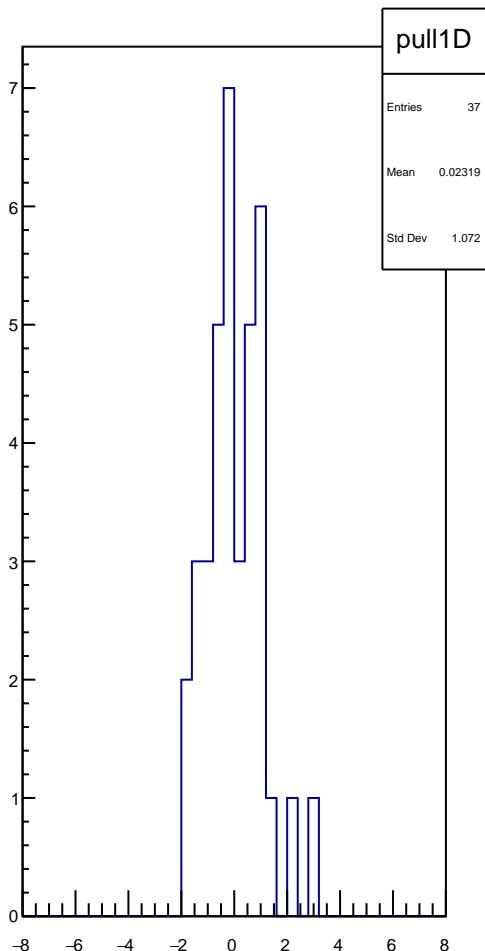
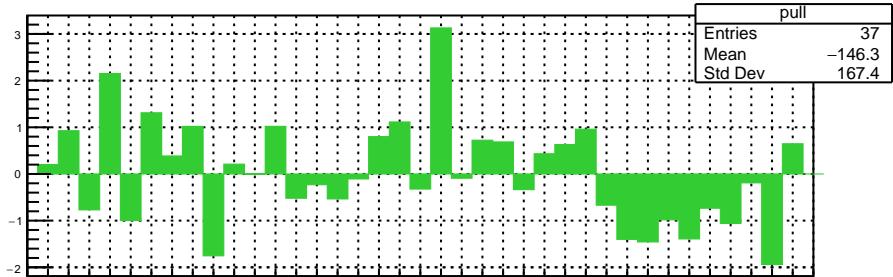
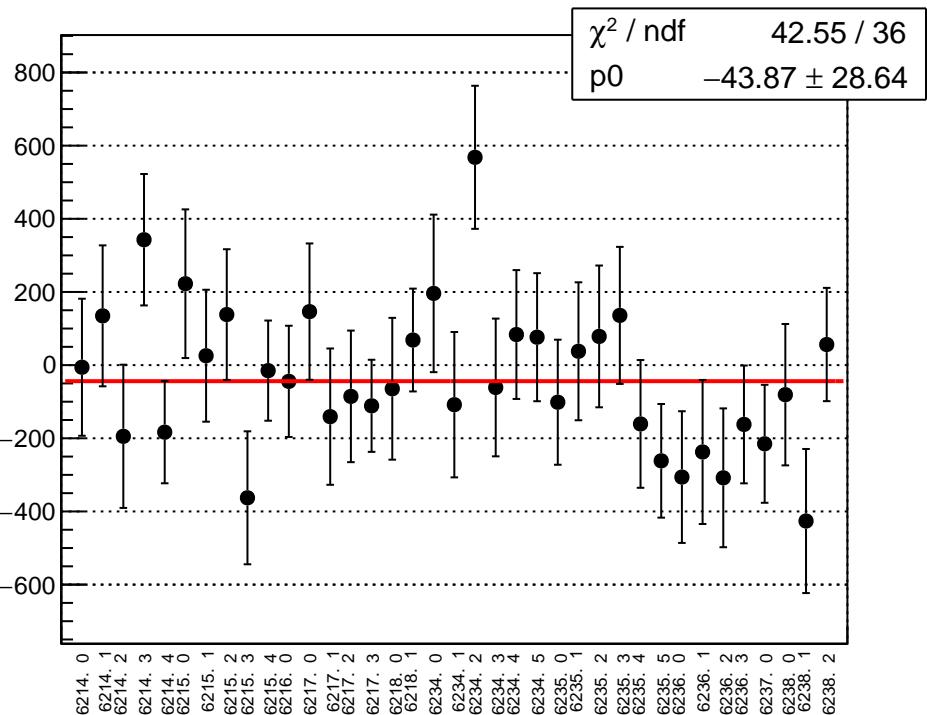
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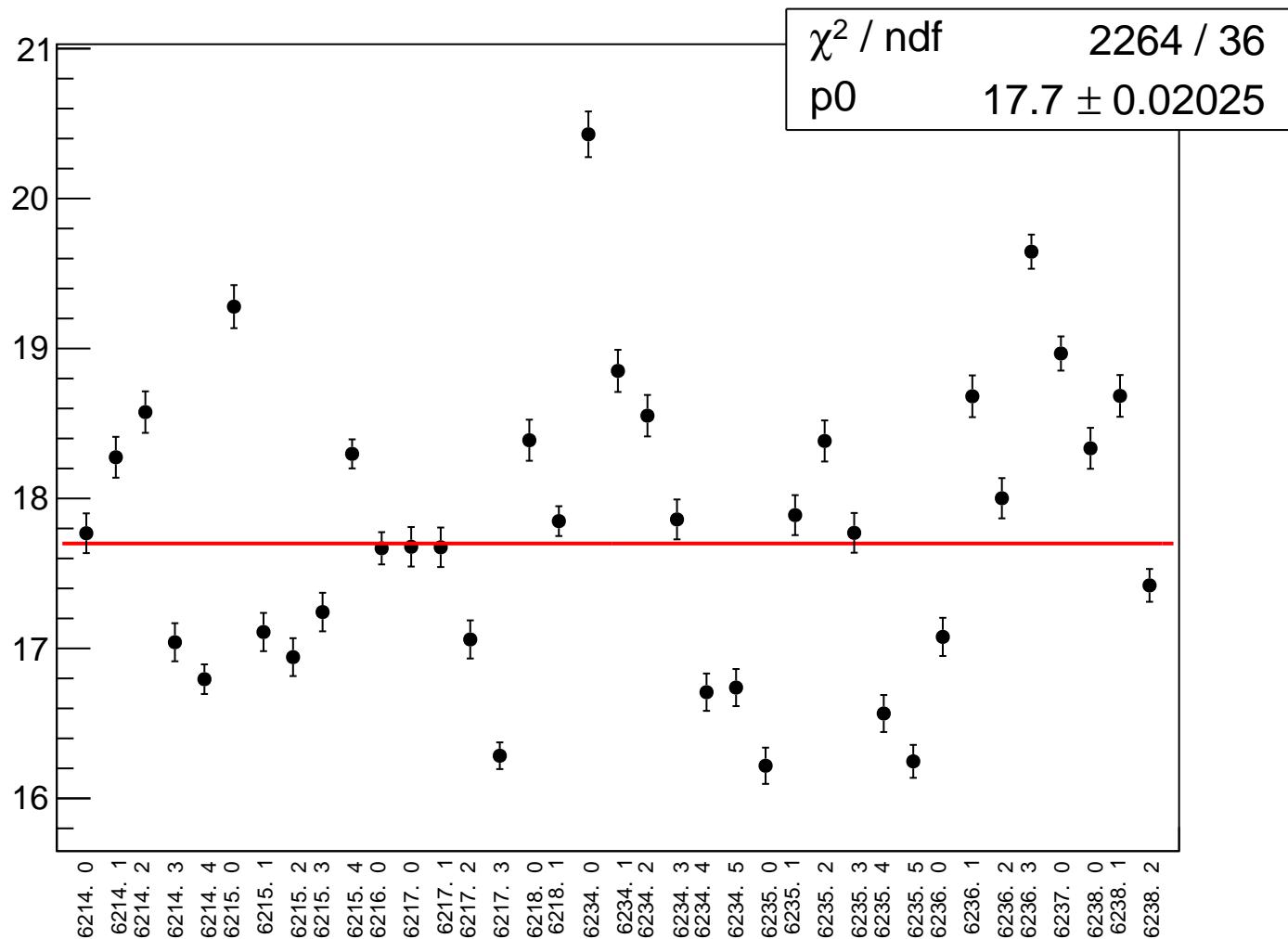
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asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs run

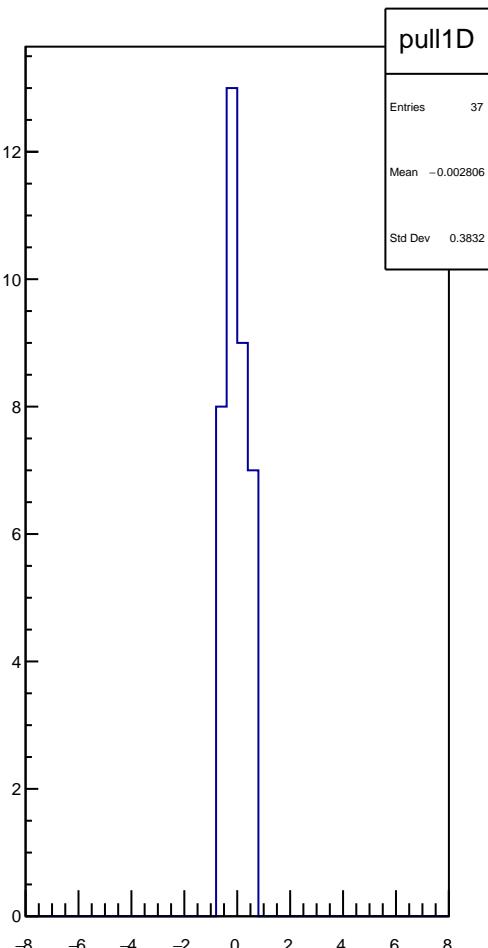
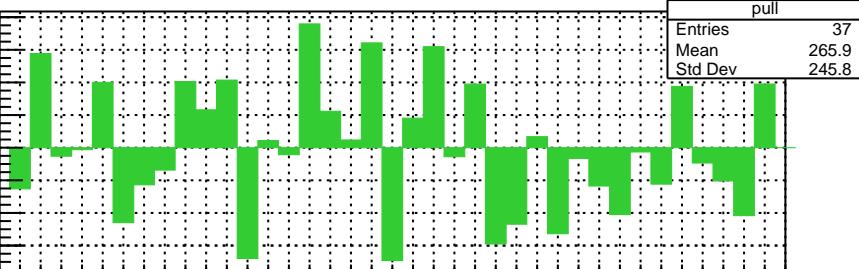
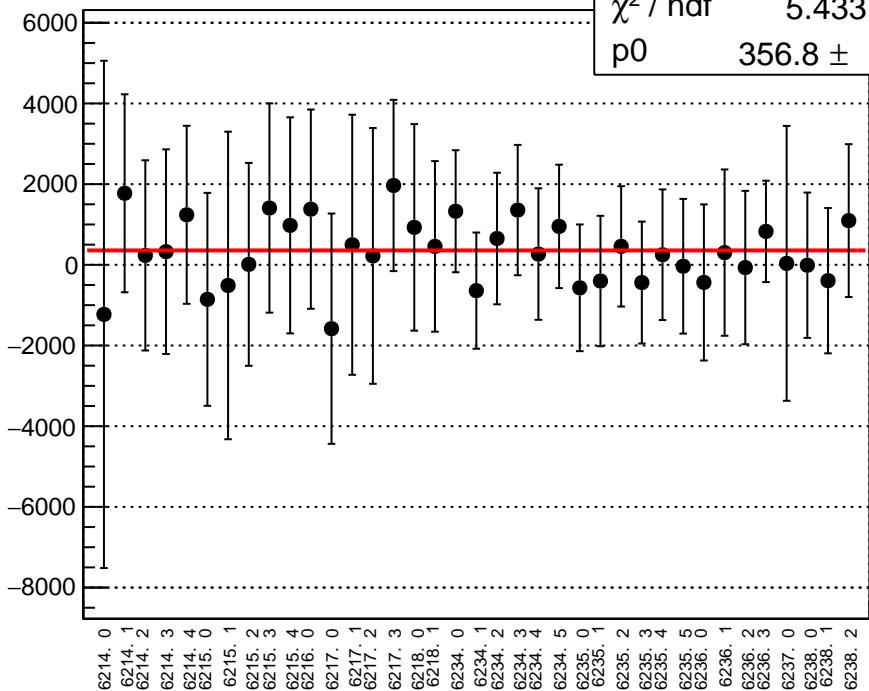


asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs run

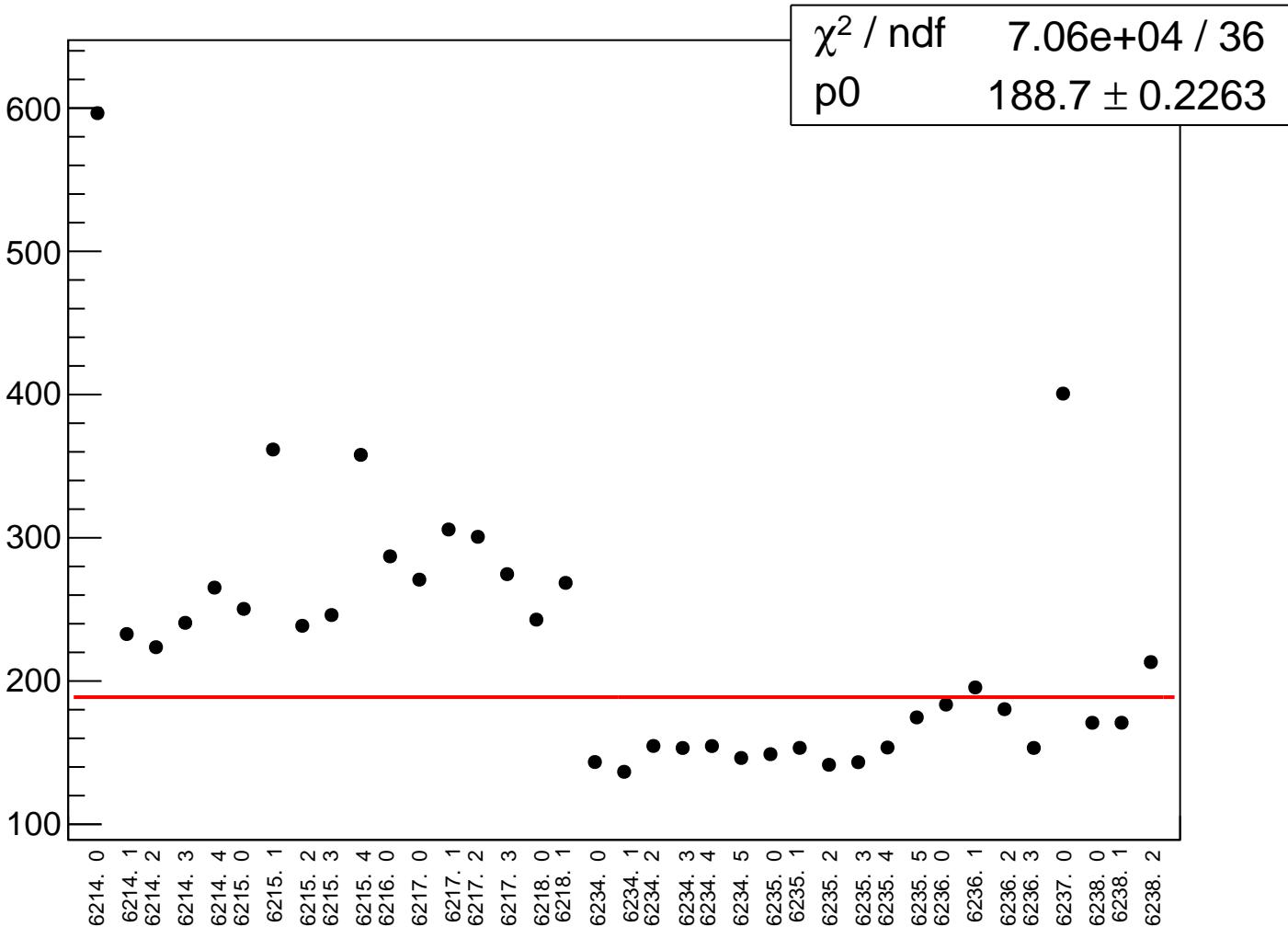


asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs run

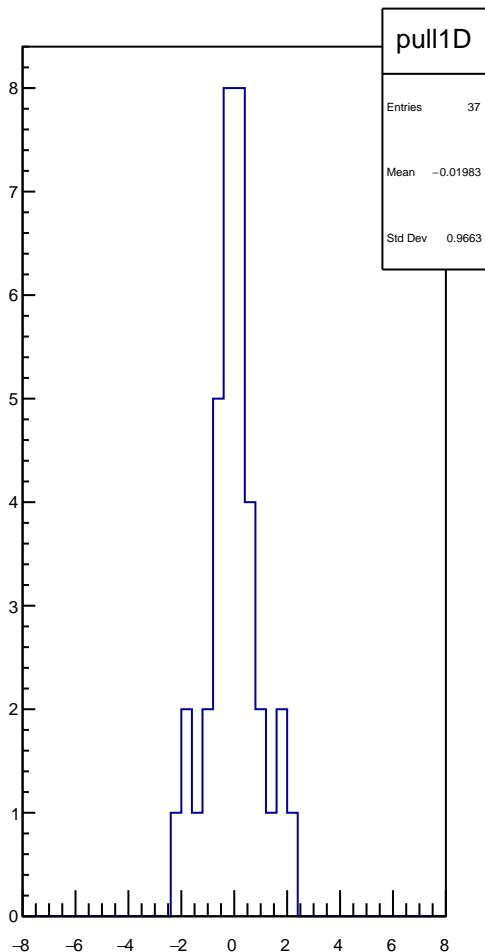
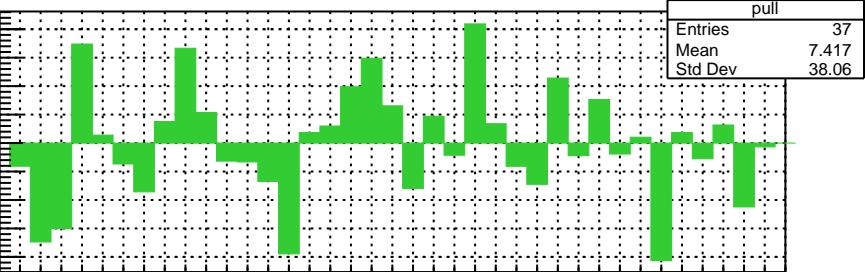
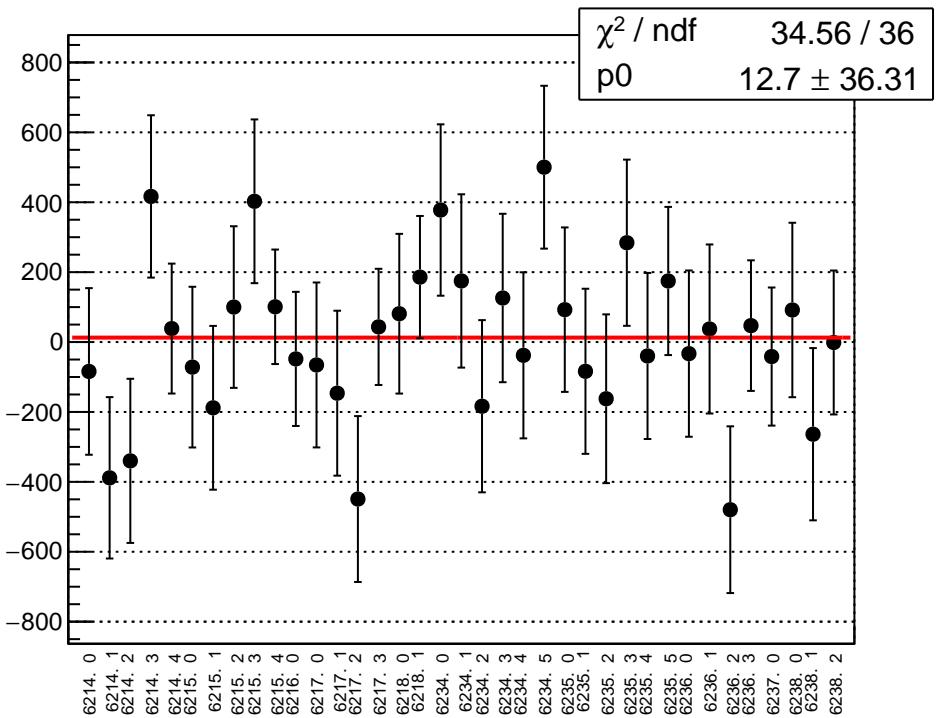
χ^2 / ndf 5.433 / 36
p0 356.8 ± 320



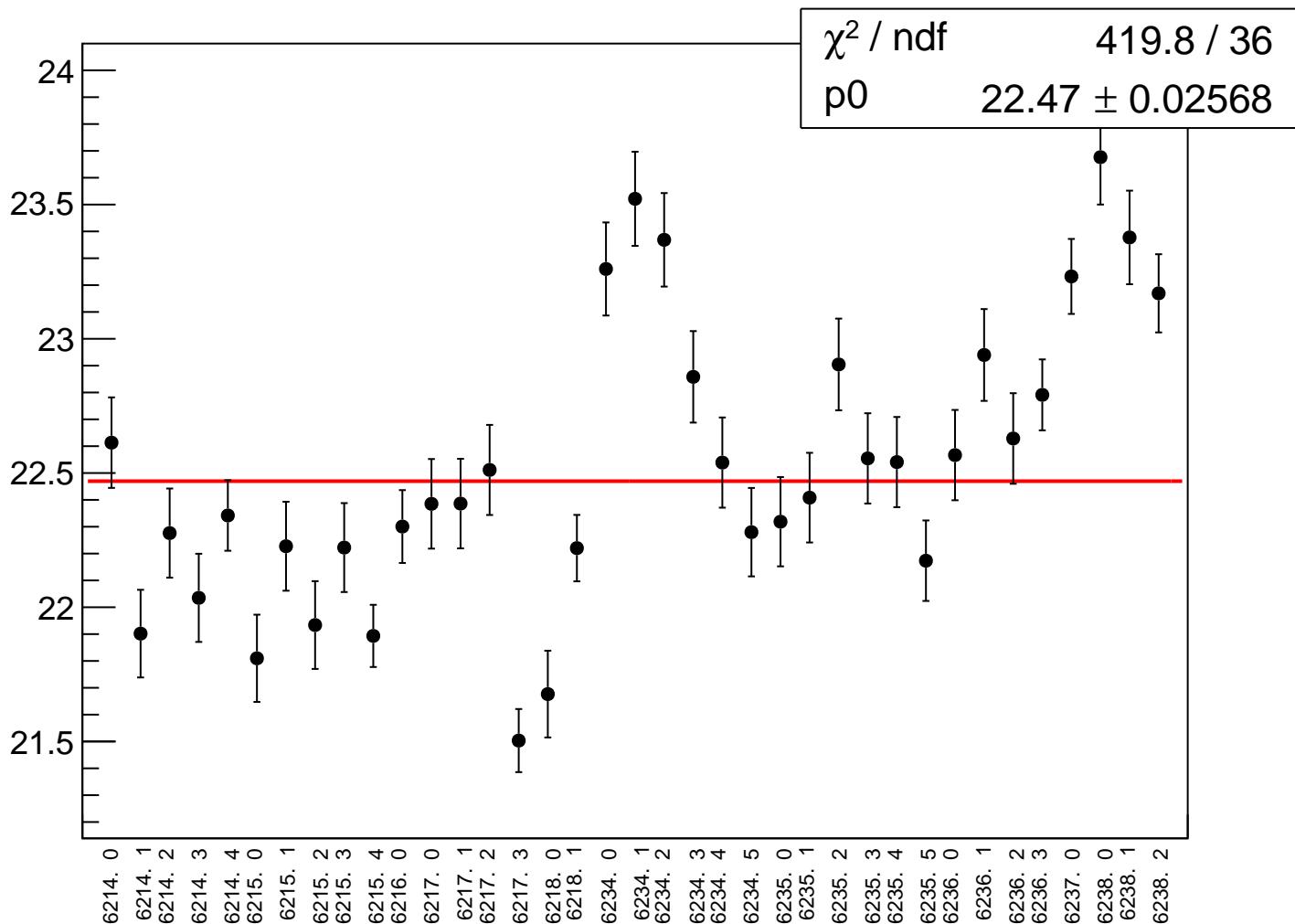
asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs run



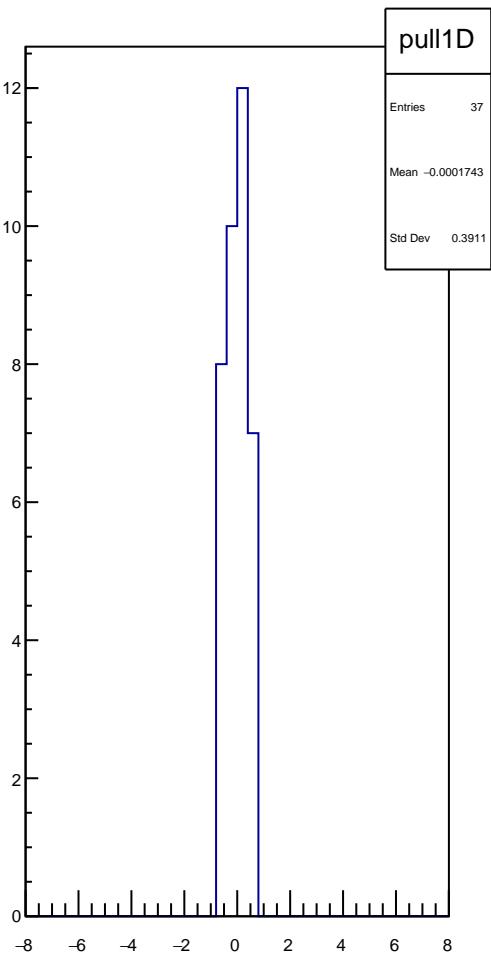
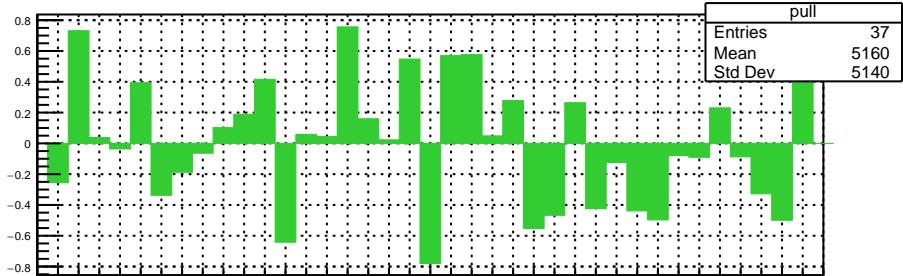
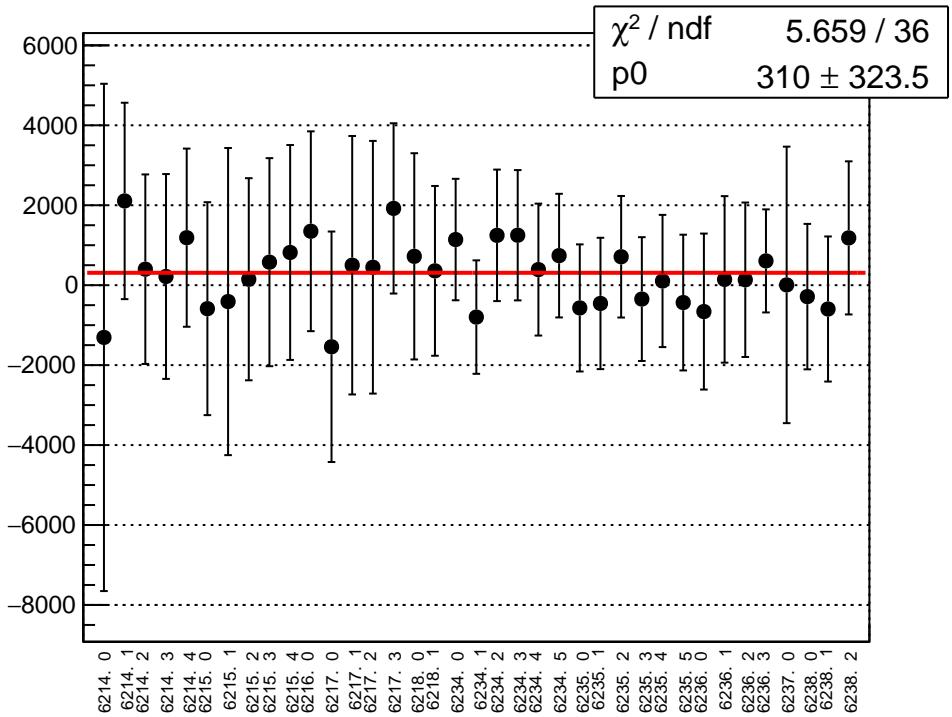
asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs run



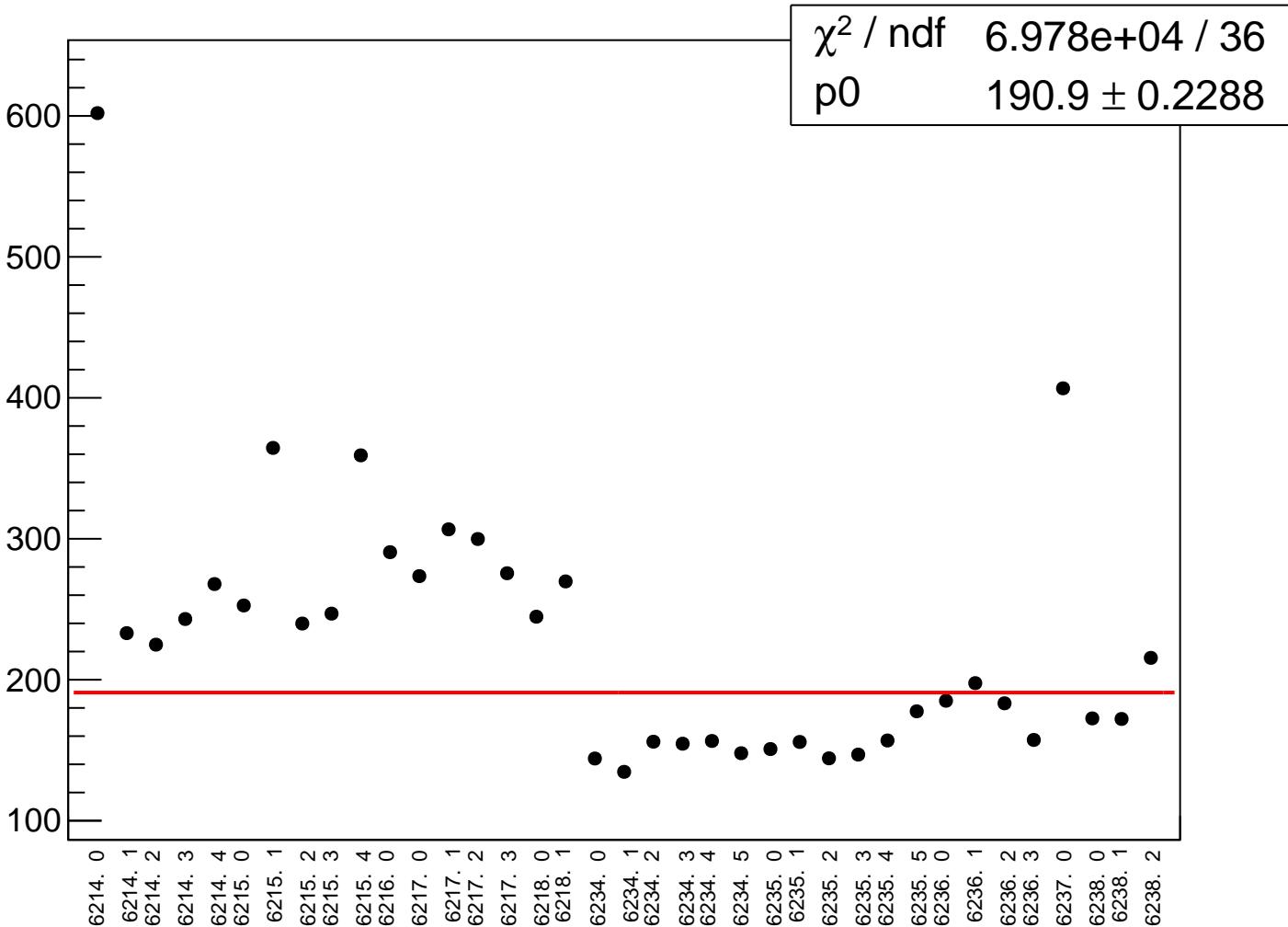
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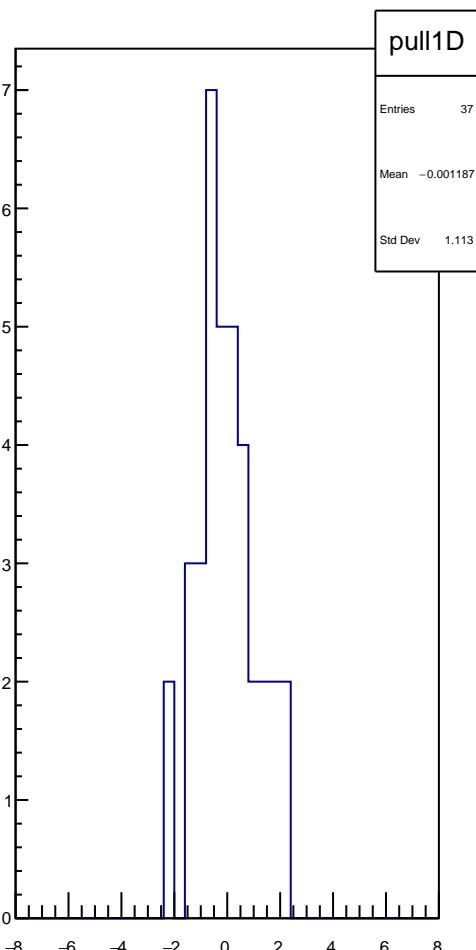
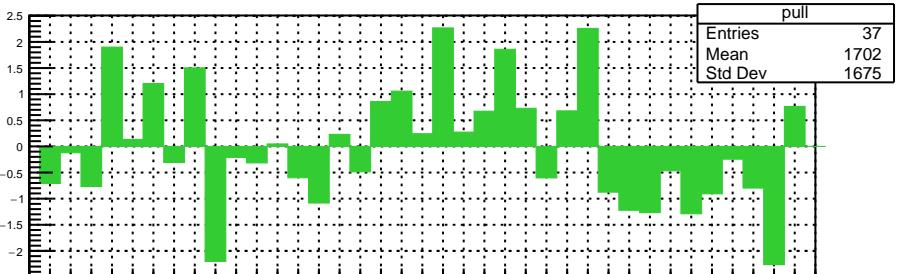
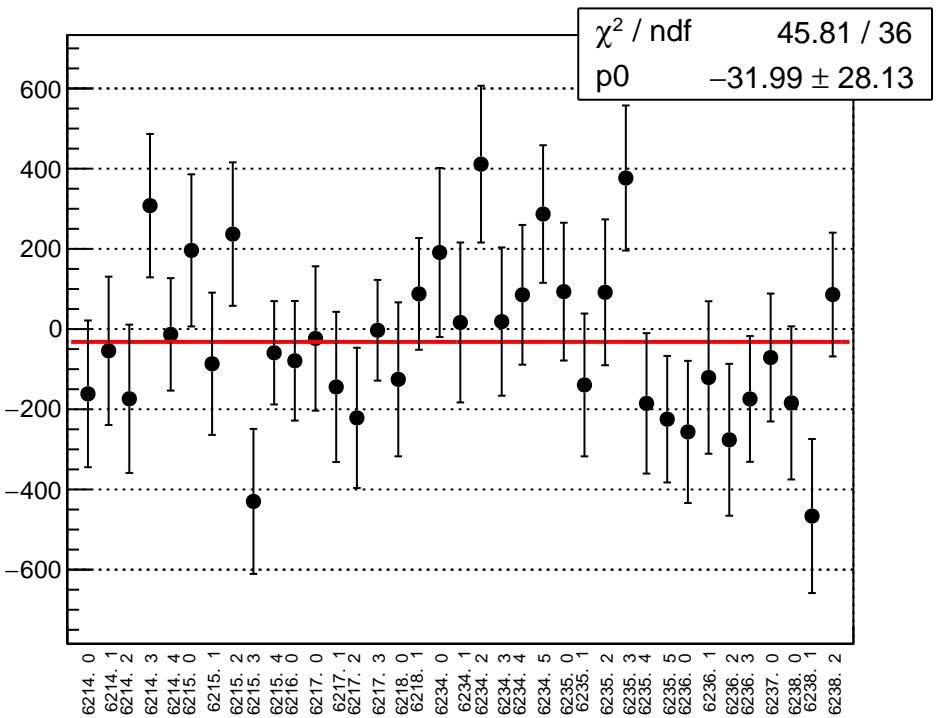
asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs run



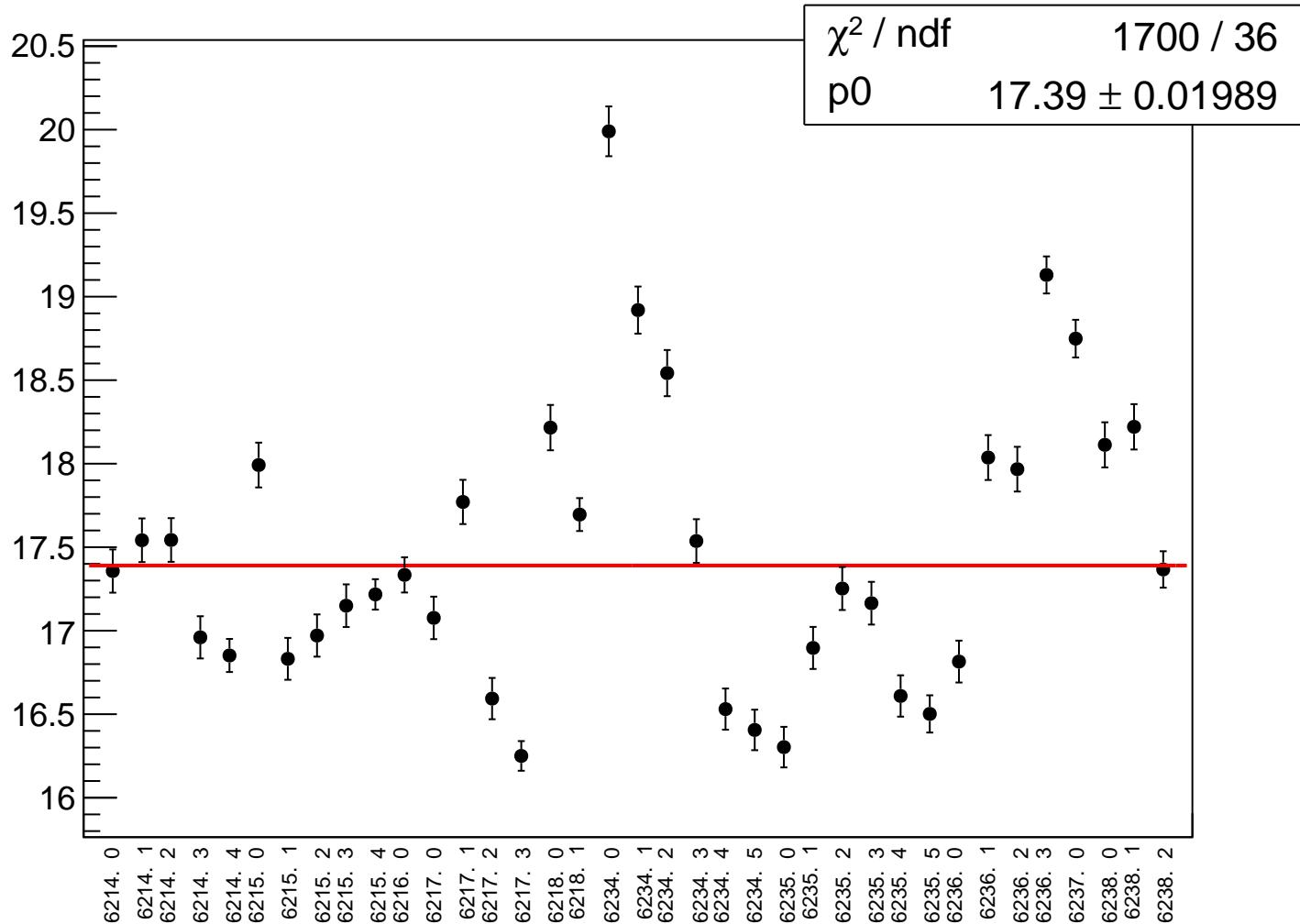
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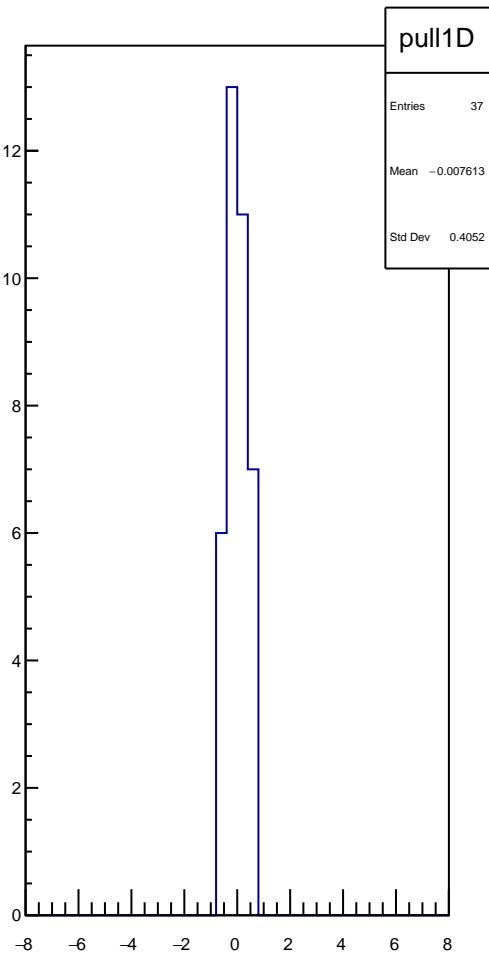
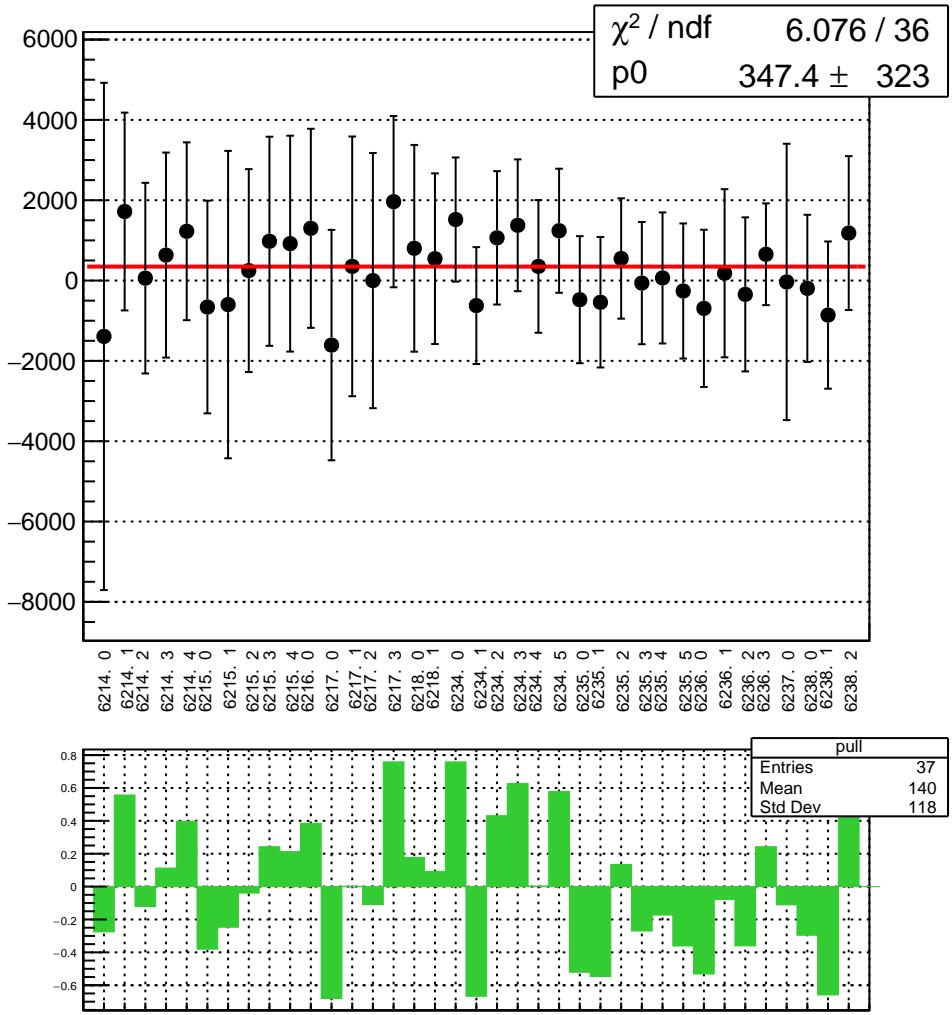
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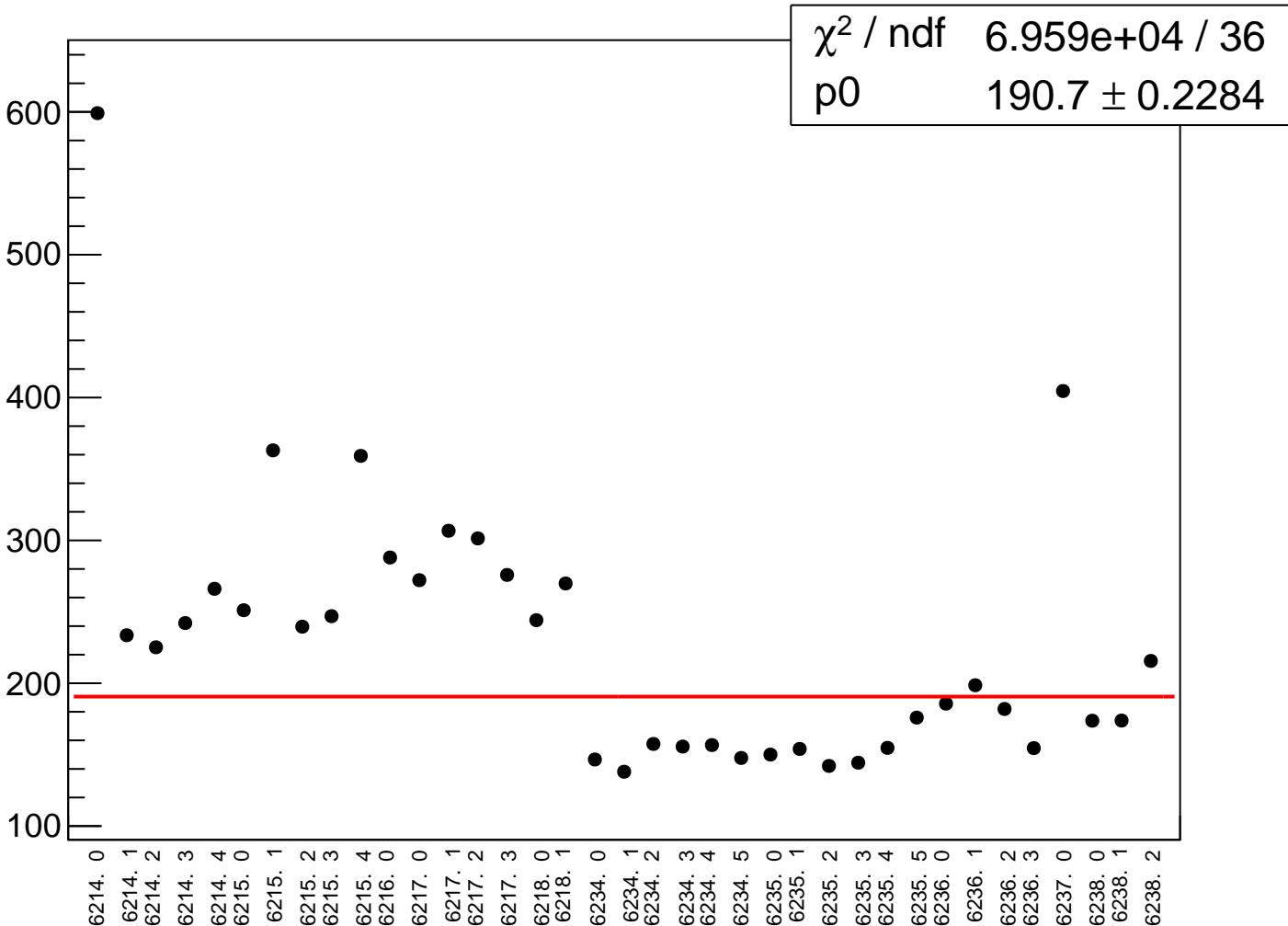
asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs run



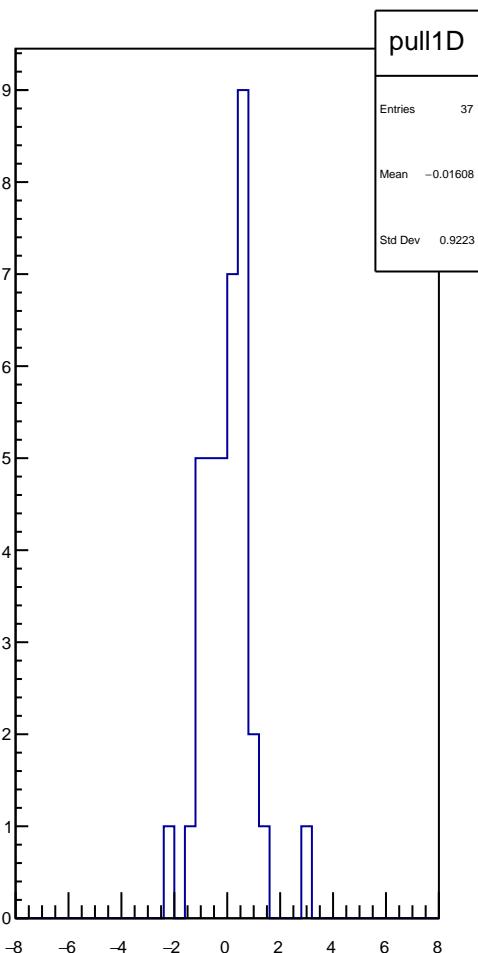
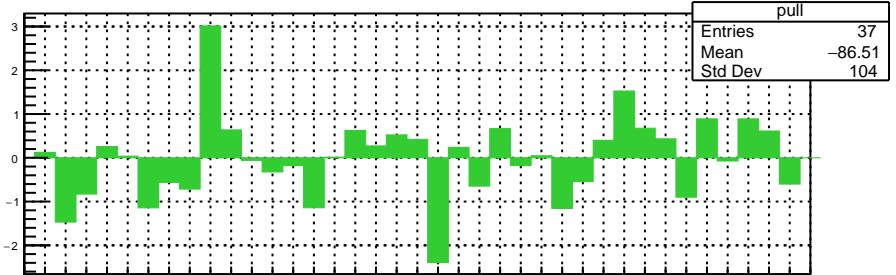
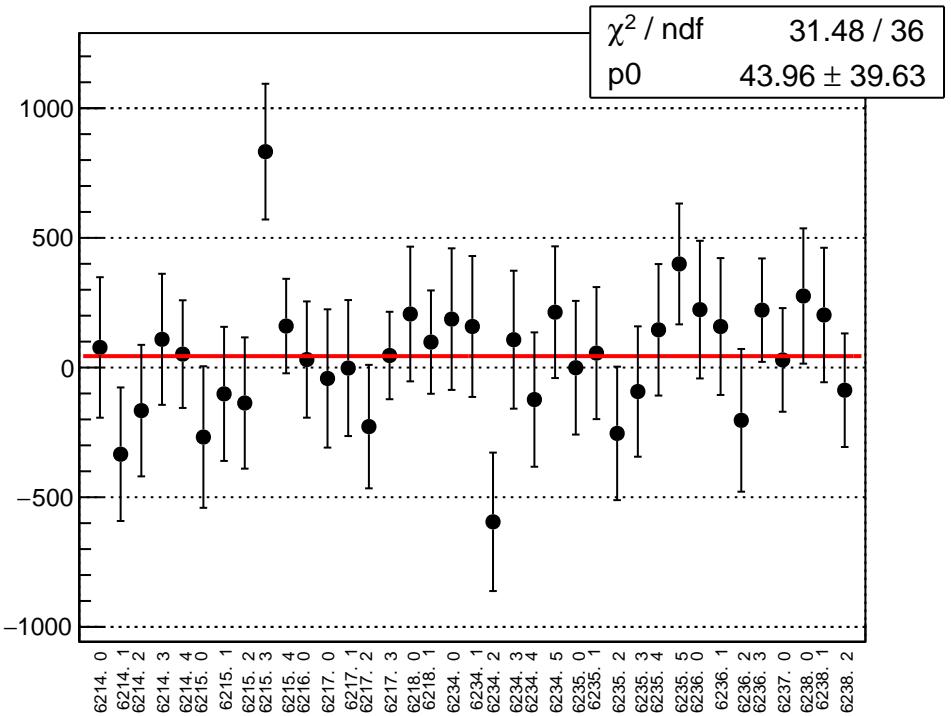
asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs run



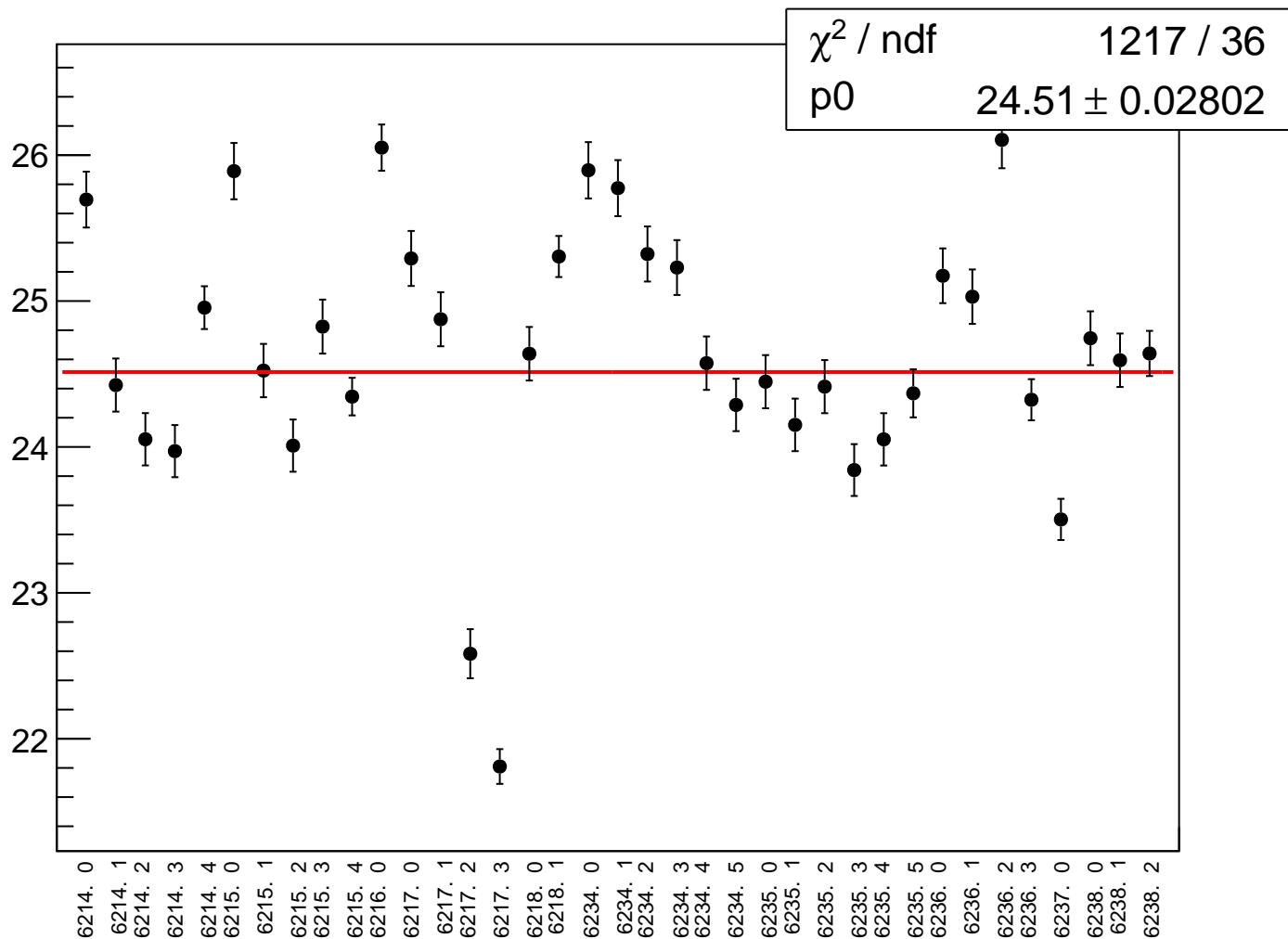
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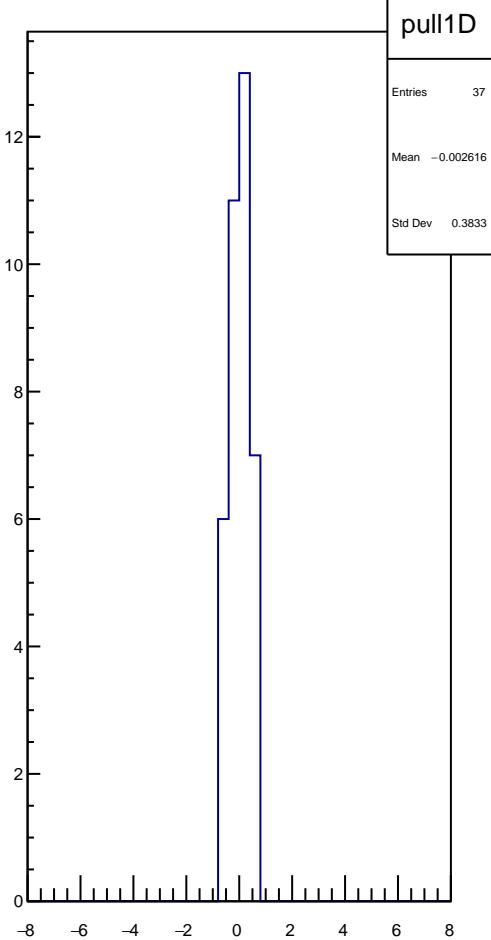
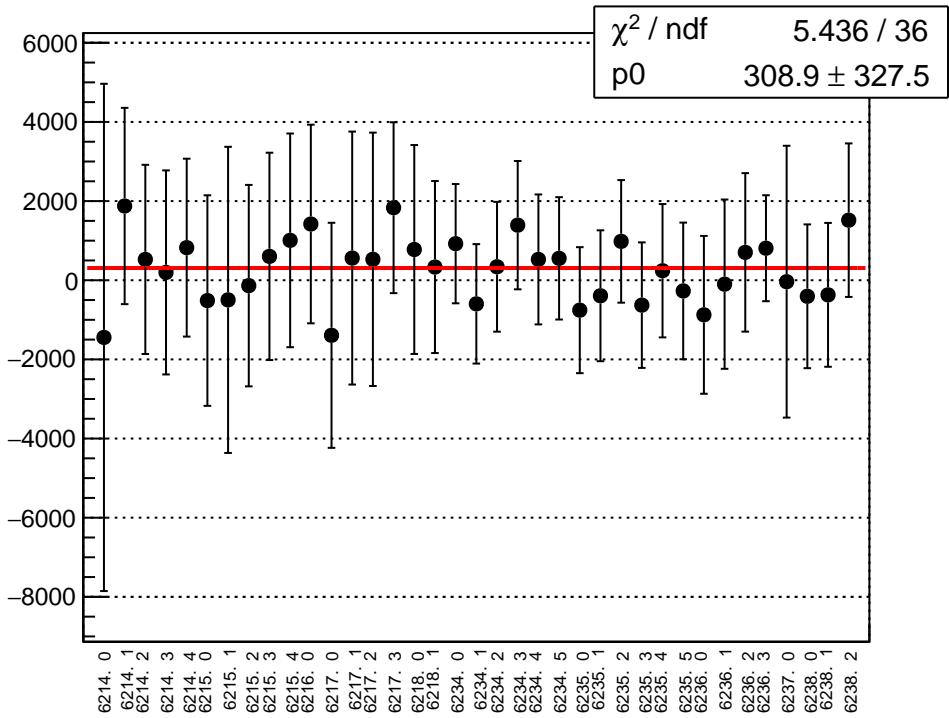
asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs run



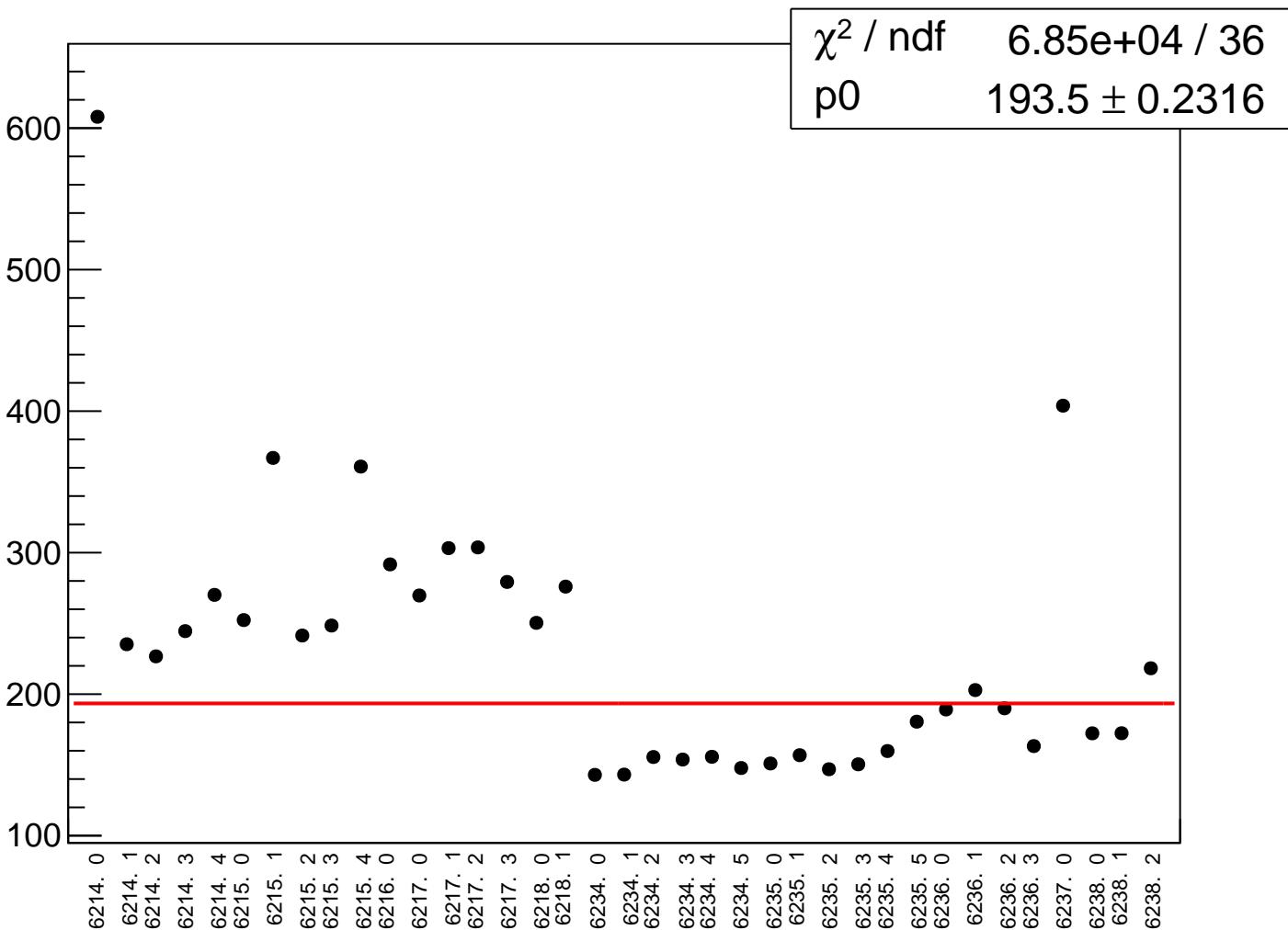
asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs run



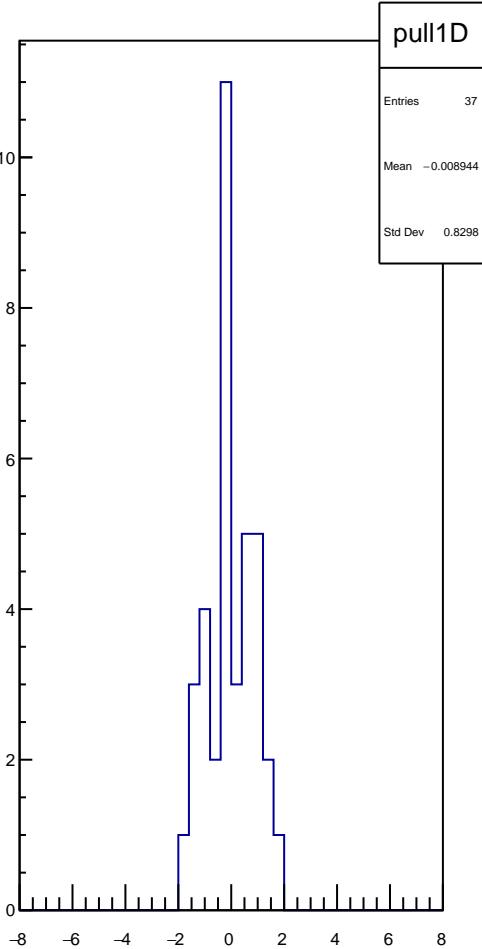
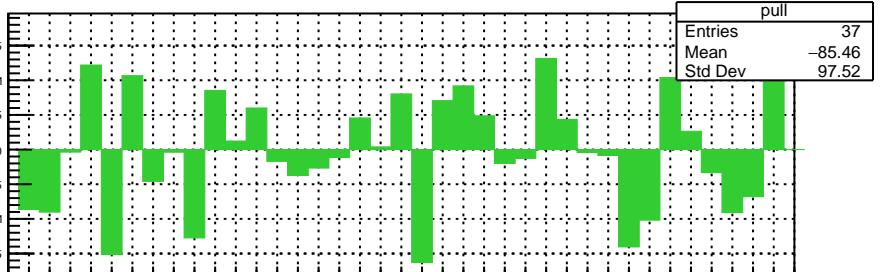
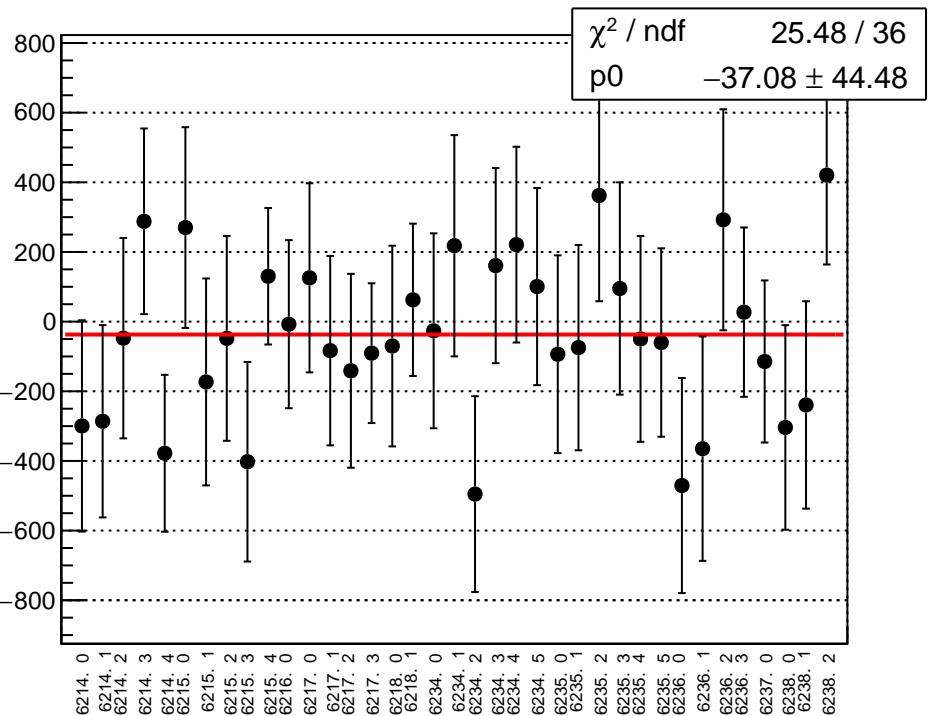
asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs run



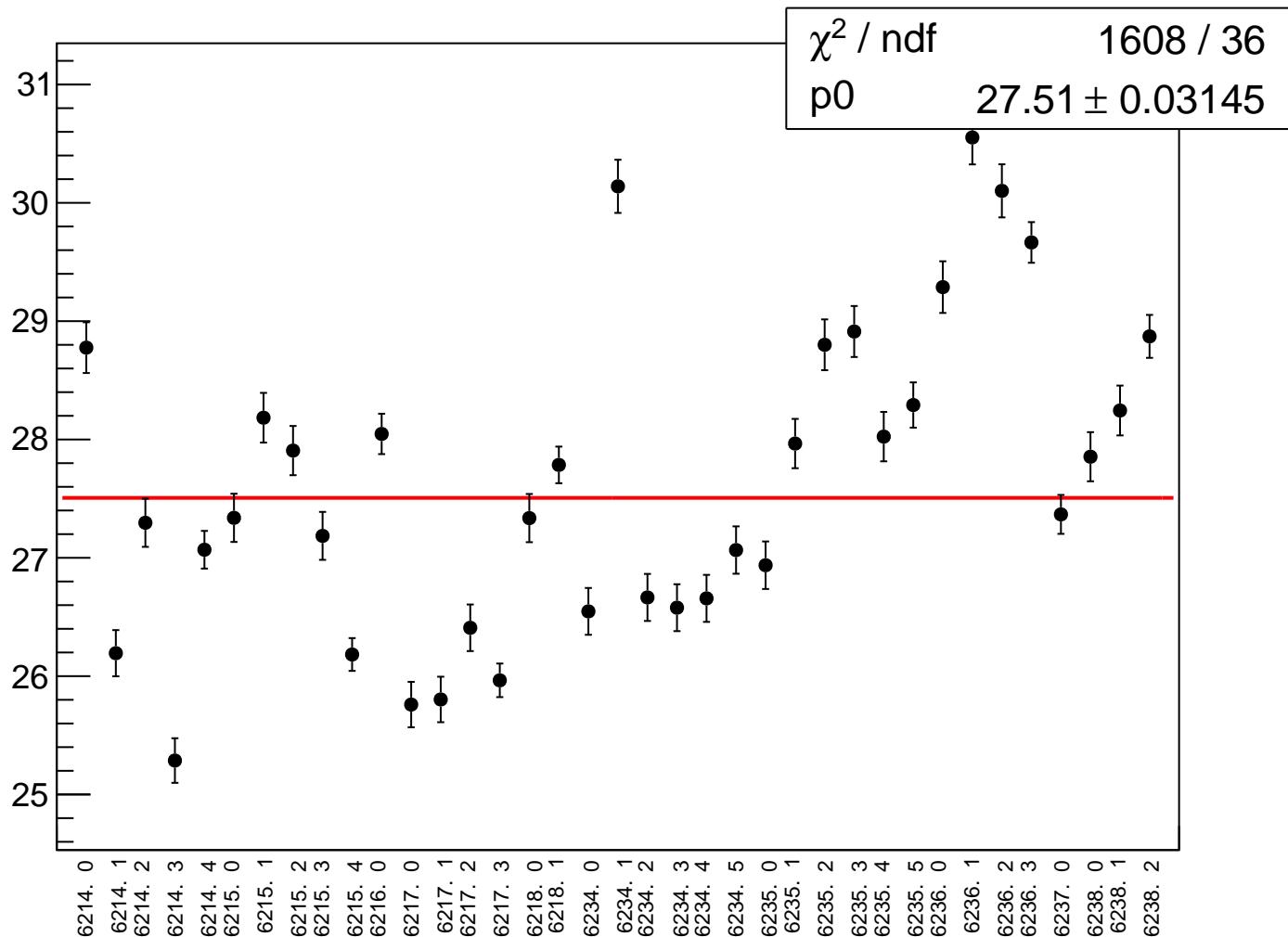
asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs run



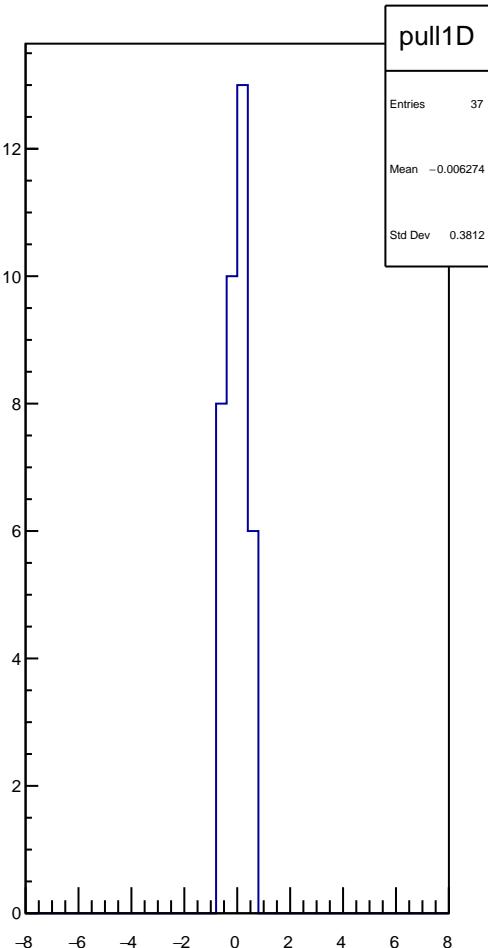
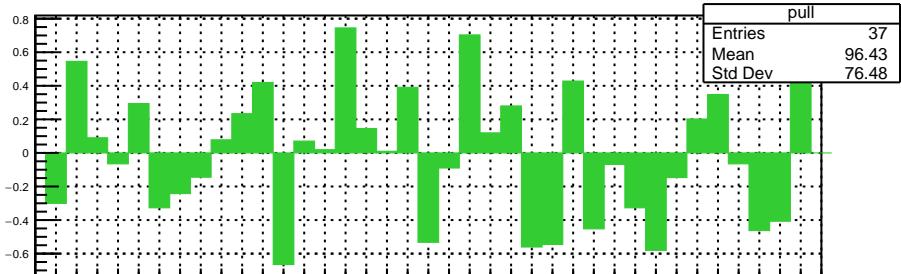
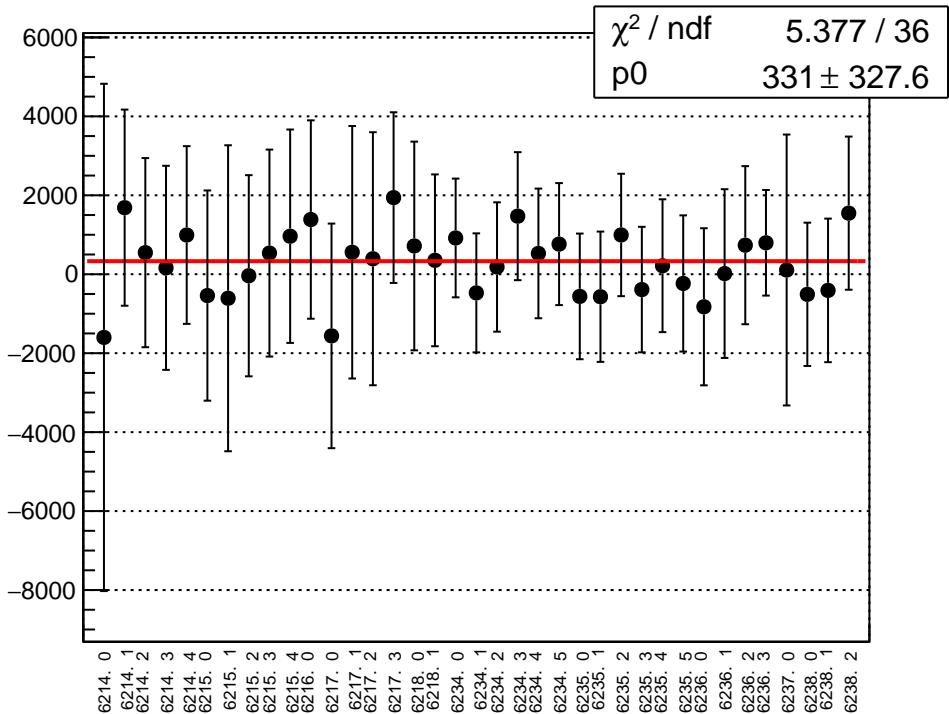
asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs run



asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs run

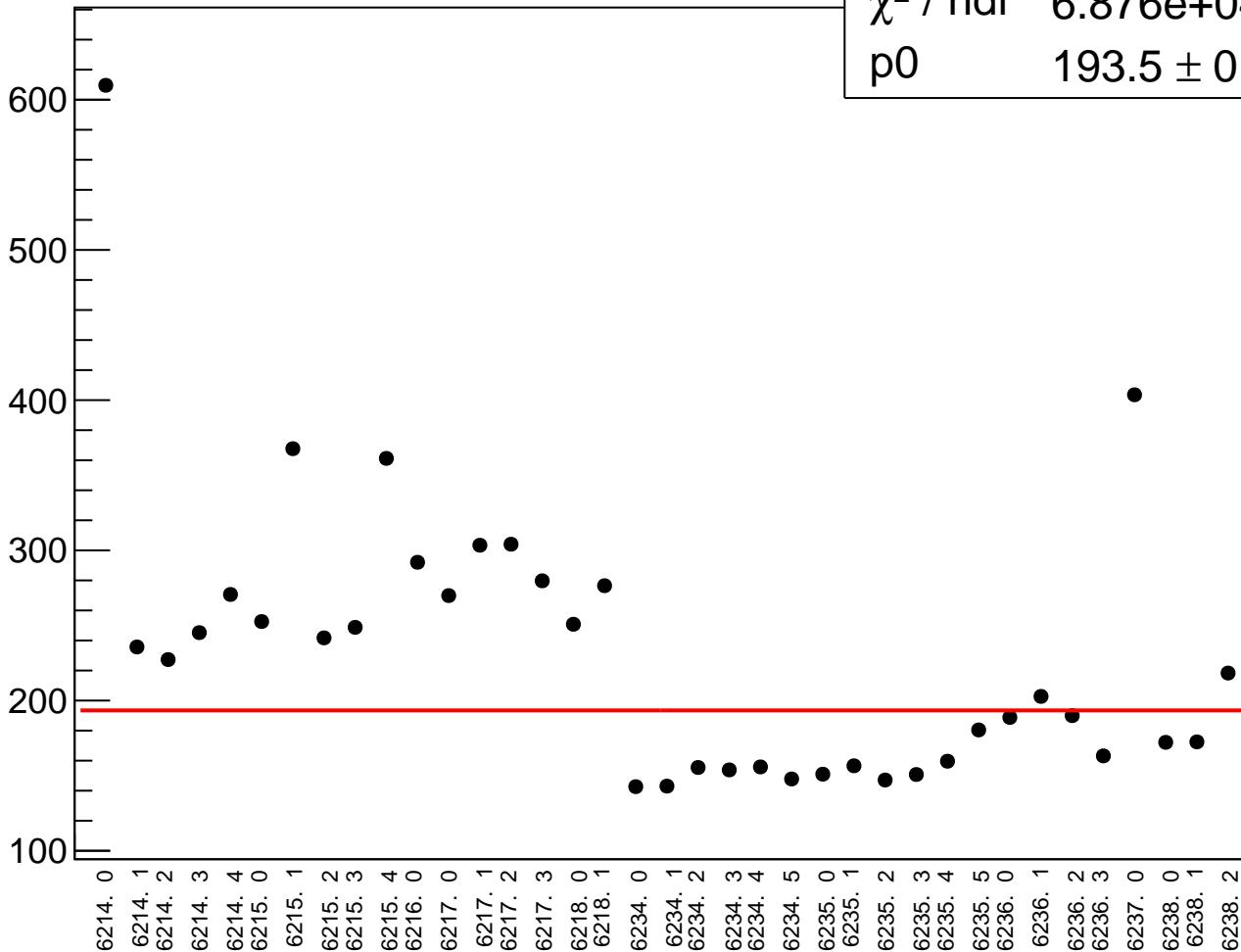


asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs run

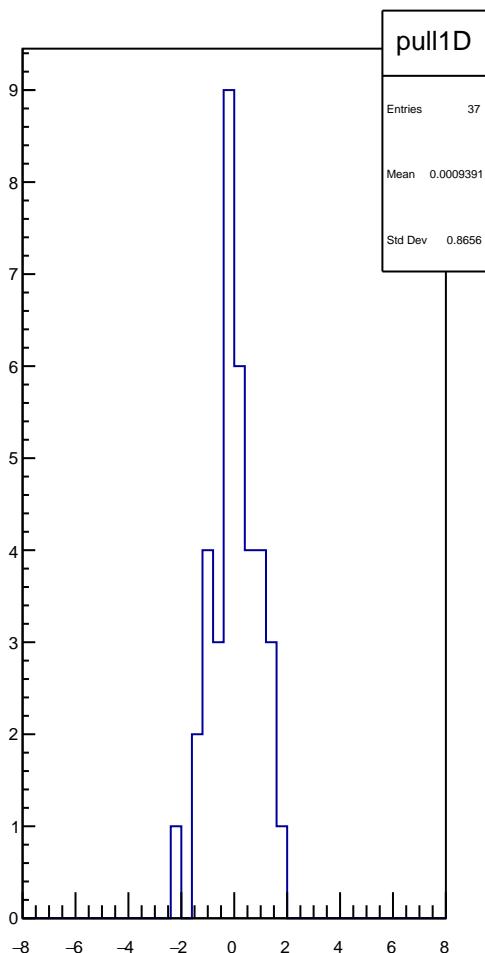
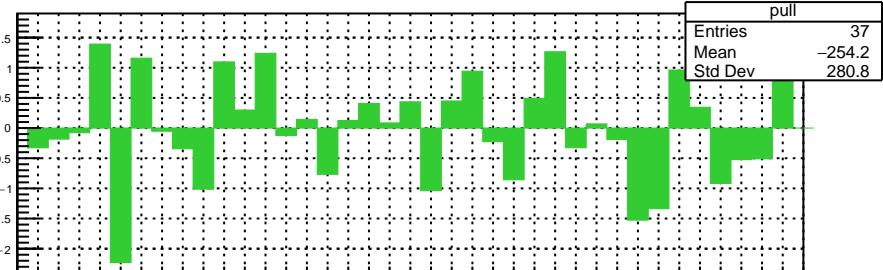
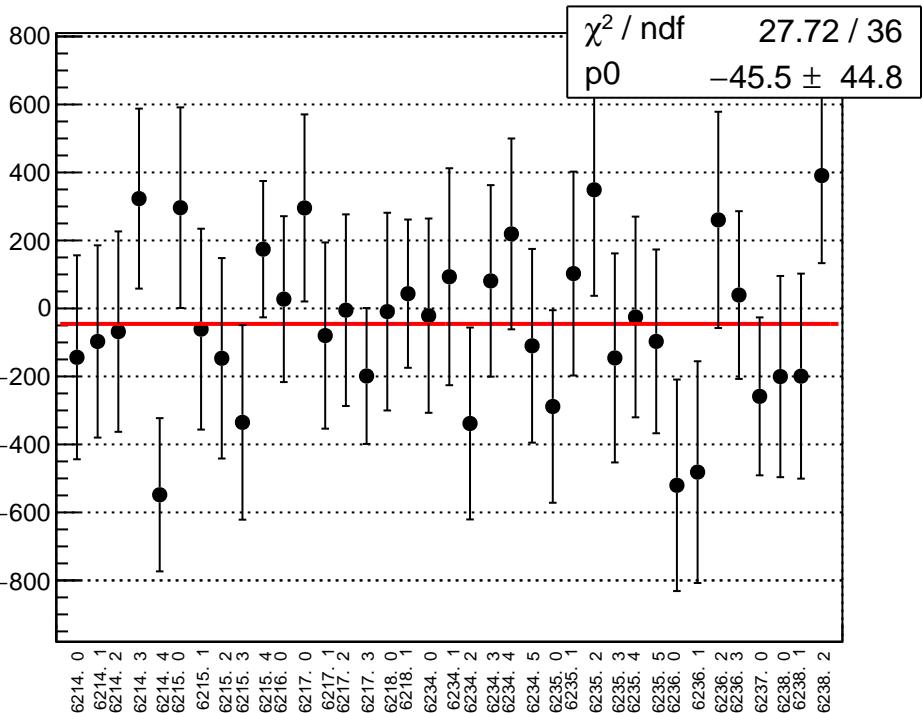


asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs run

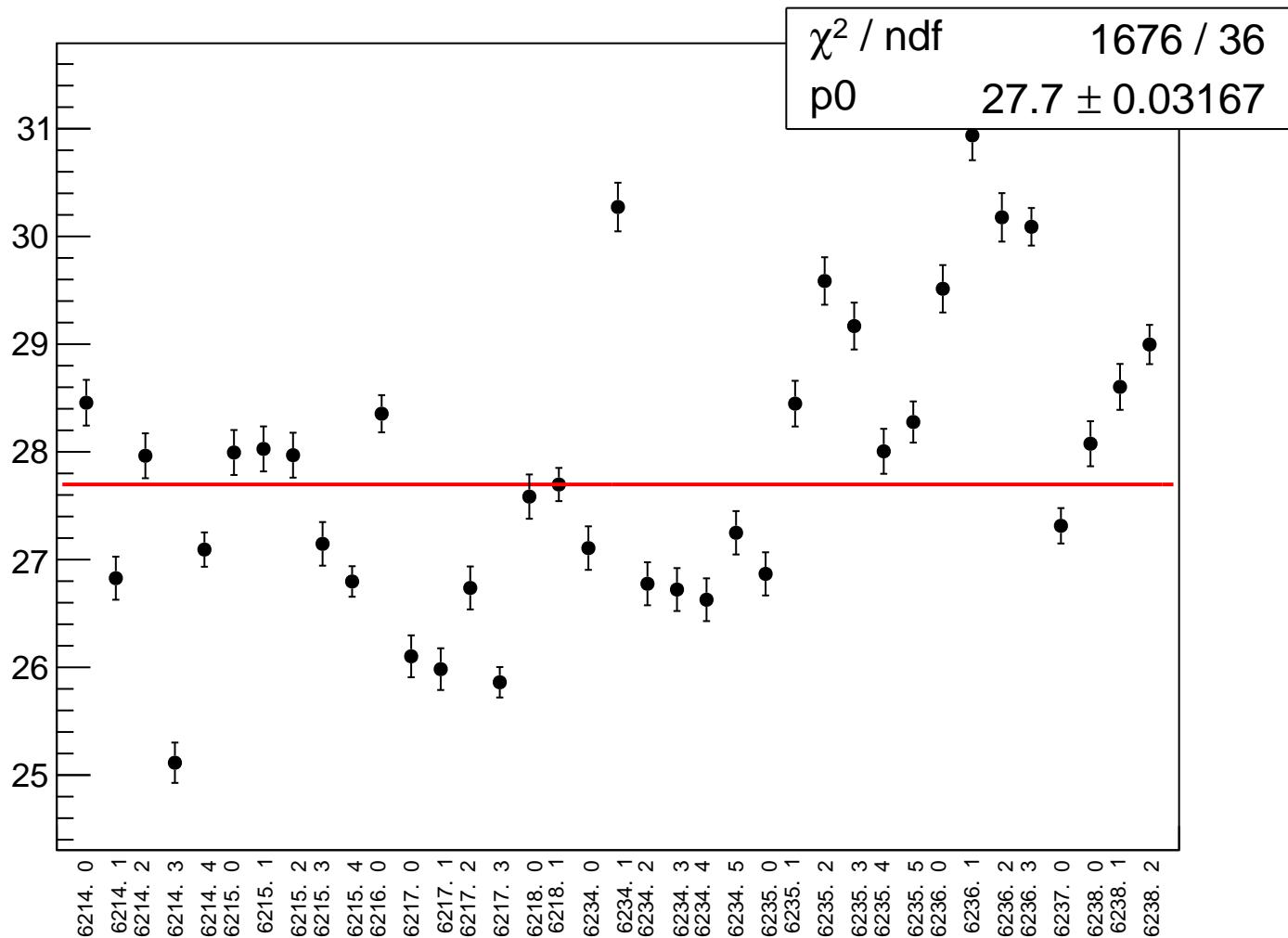
χ^2 / ndf 6.876e+04 / 36
p0 193.5 ± 0.2316



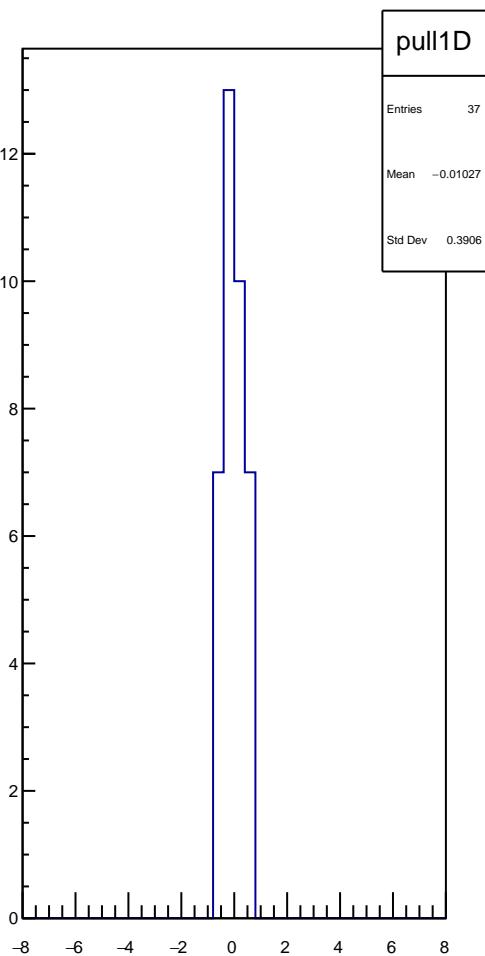
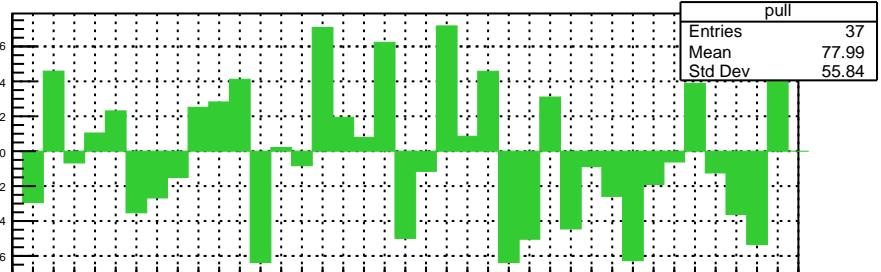
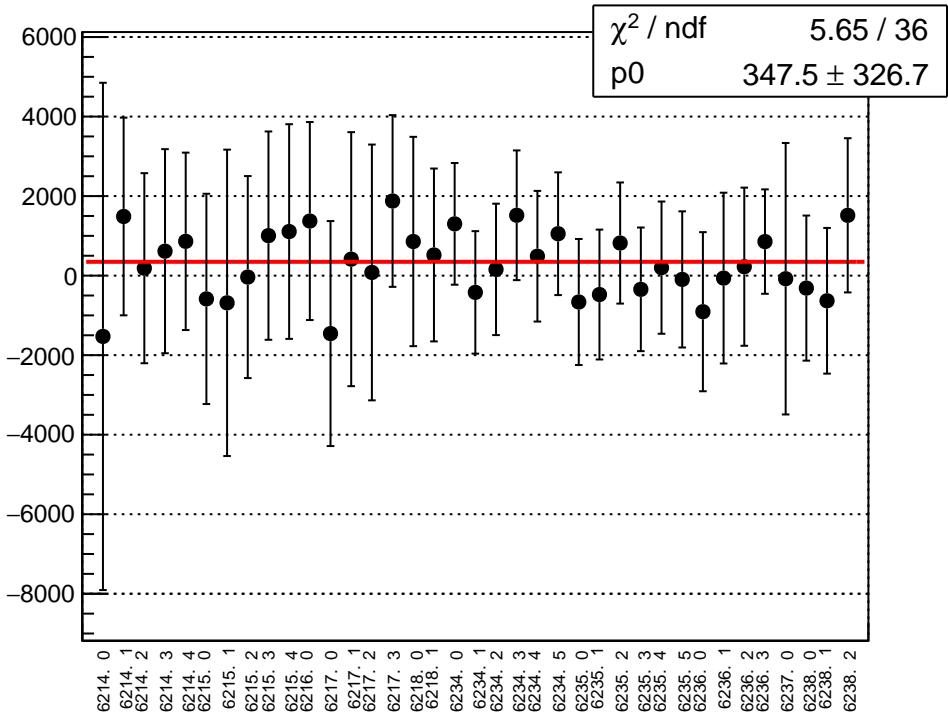
asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs run



asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs run

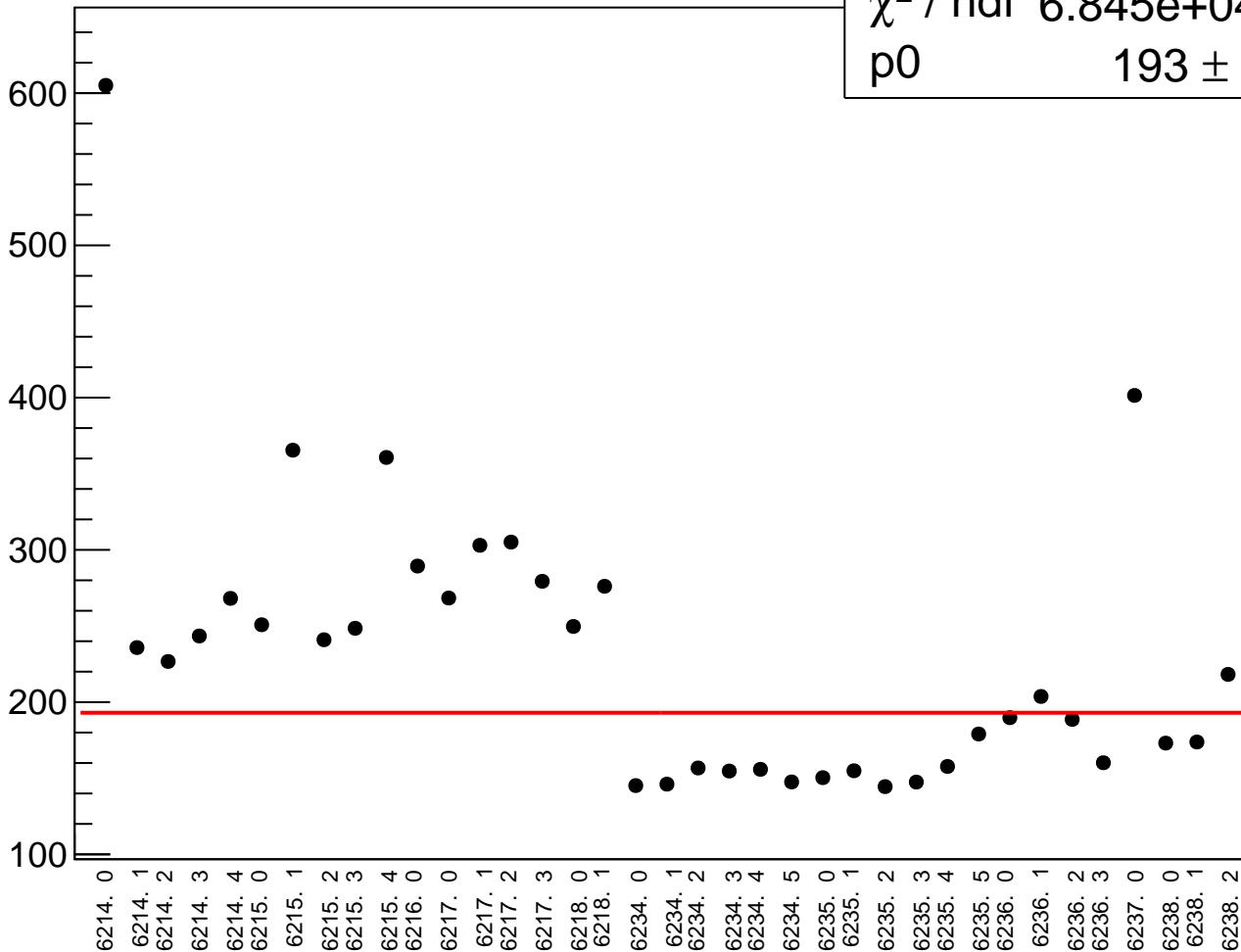


asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs run

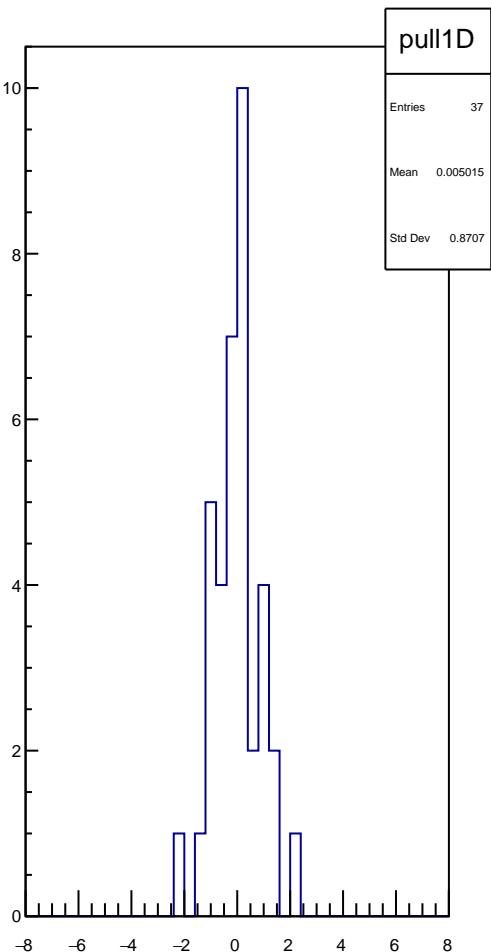
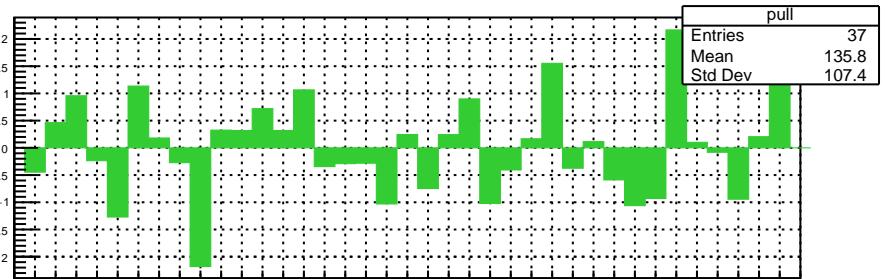
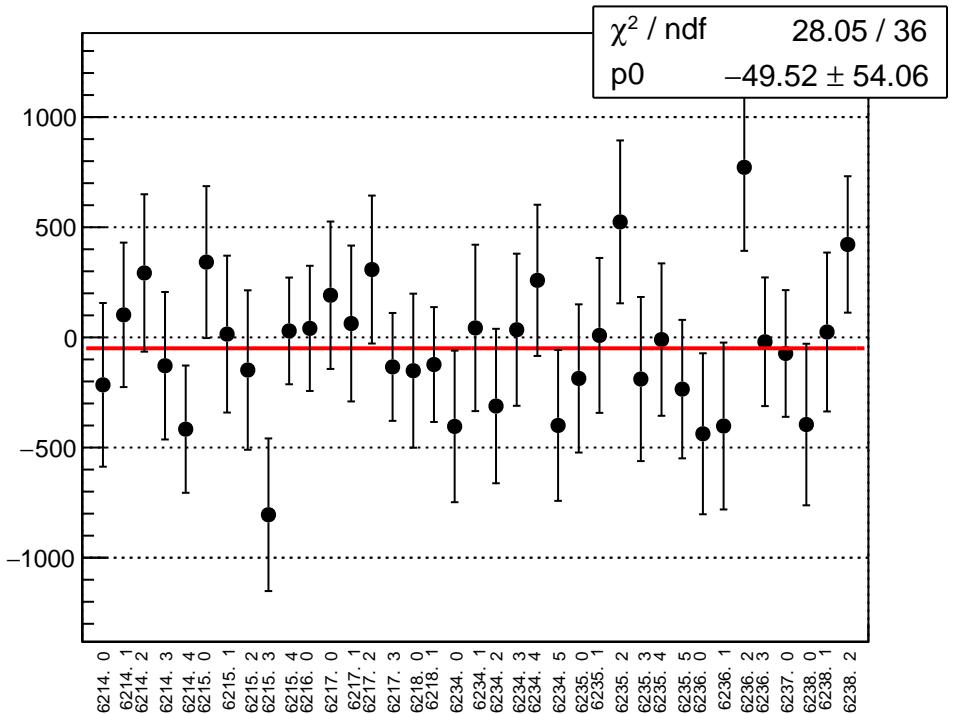


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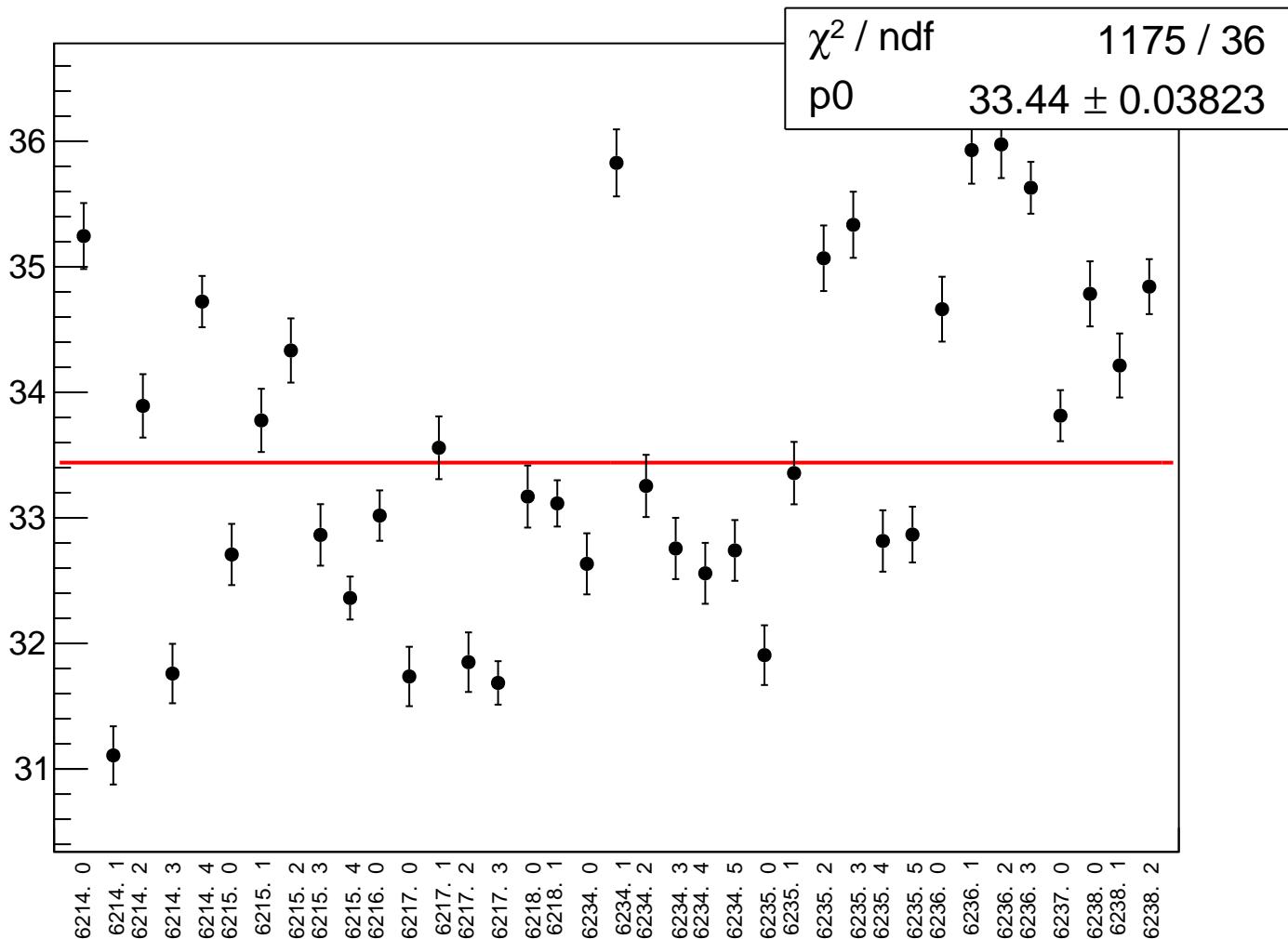
χ^2 / ndf $6.845\text{e+}04 / 36$
p0 193 ± 0.231



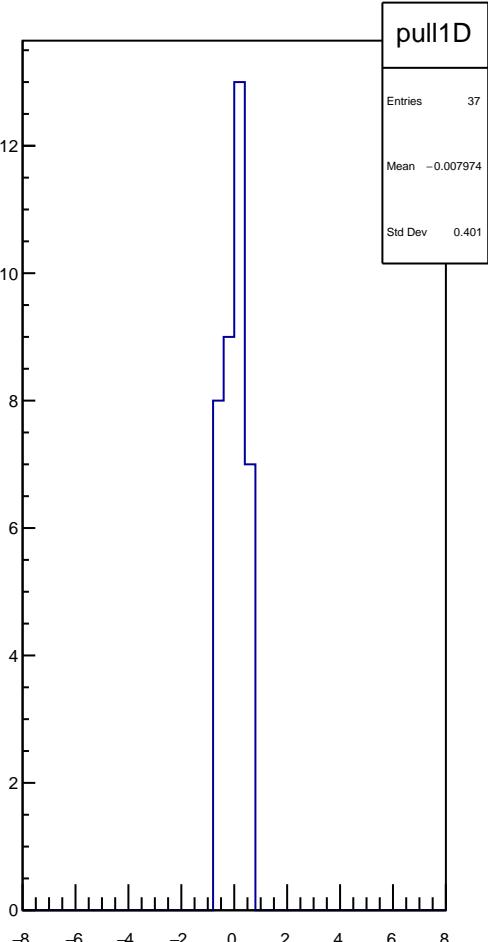
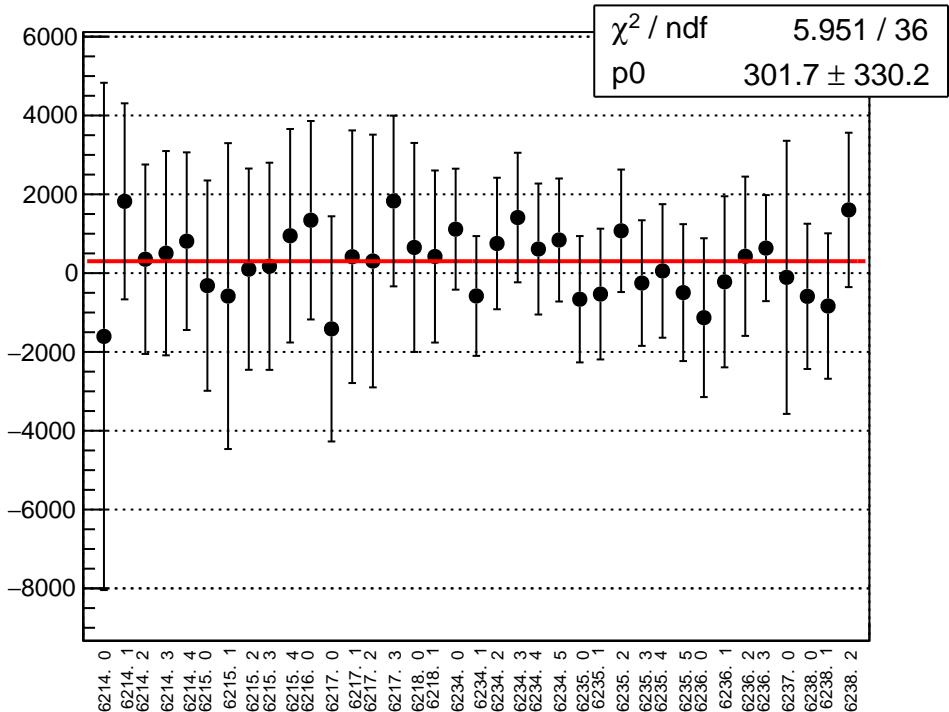
asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs run



asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs run

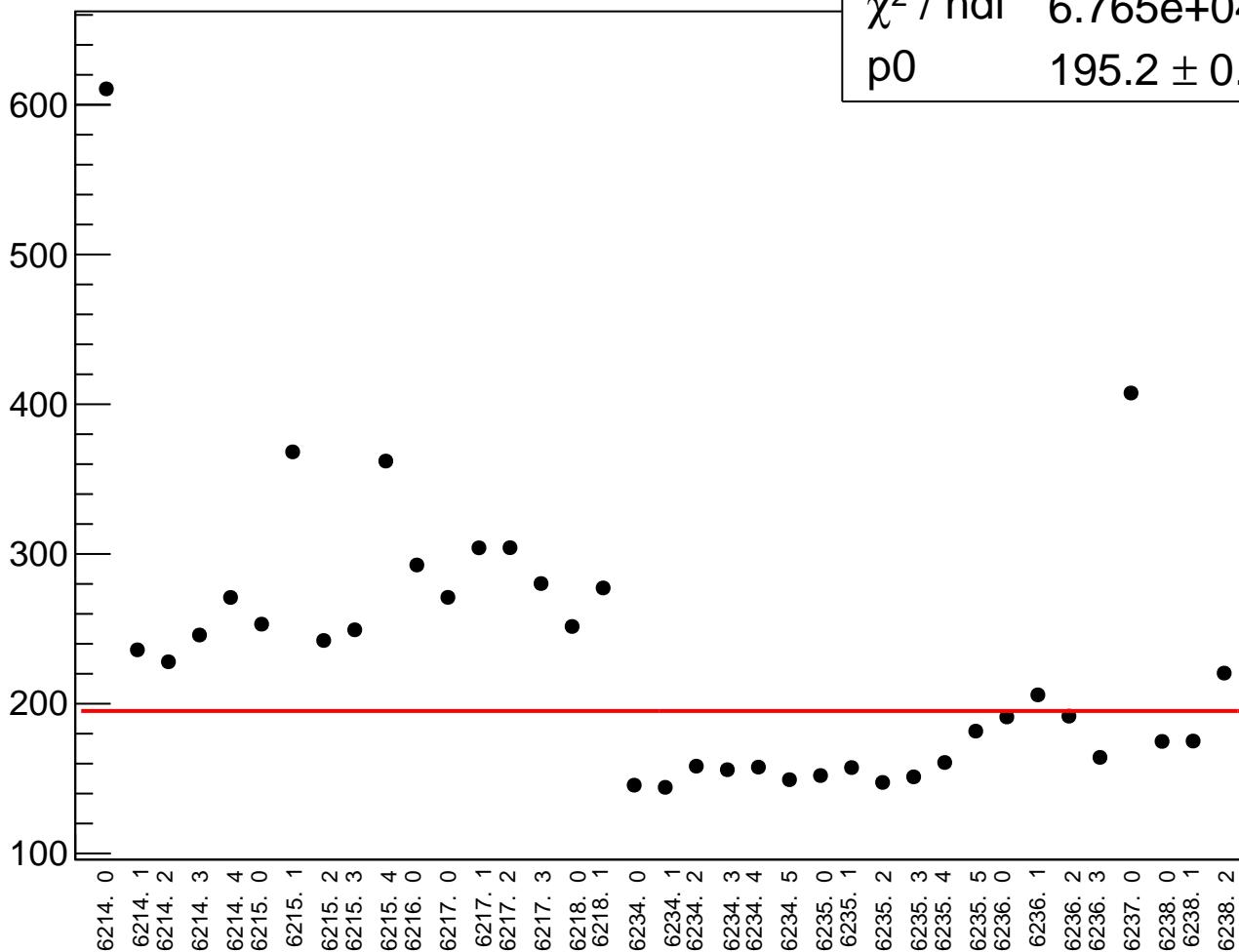


asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs run

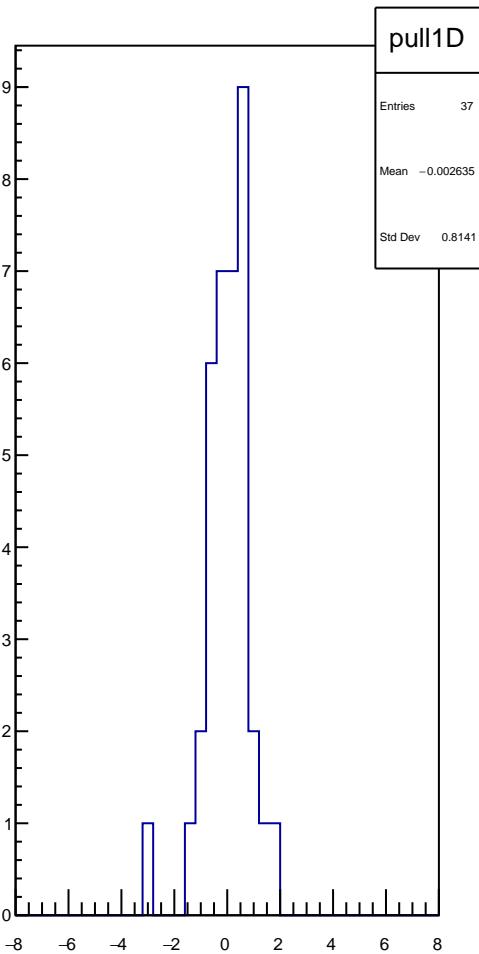
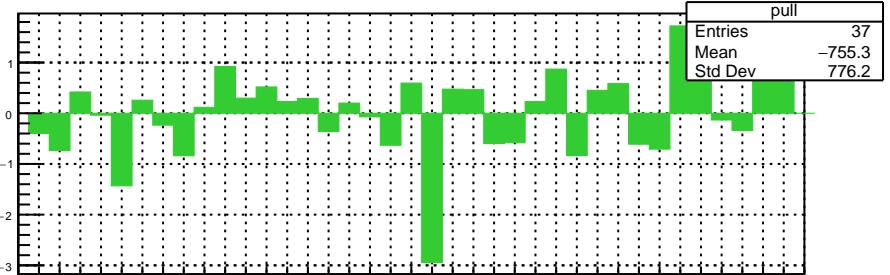
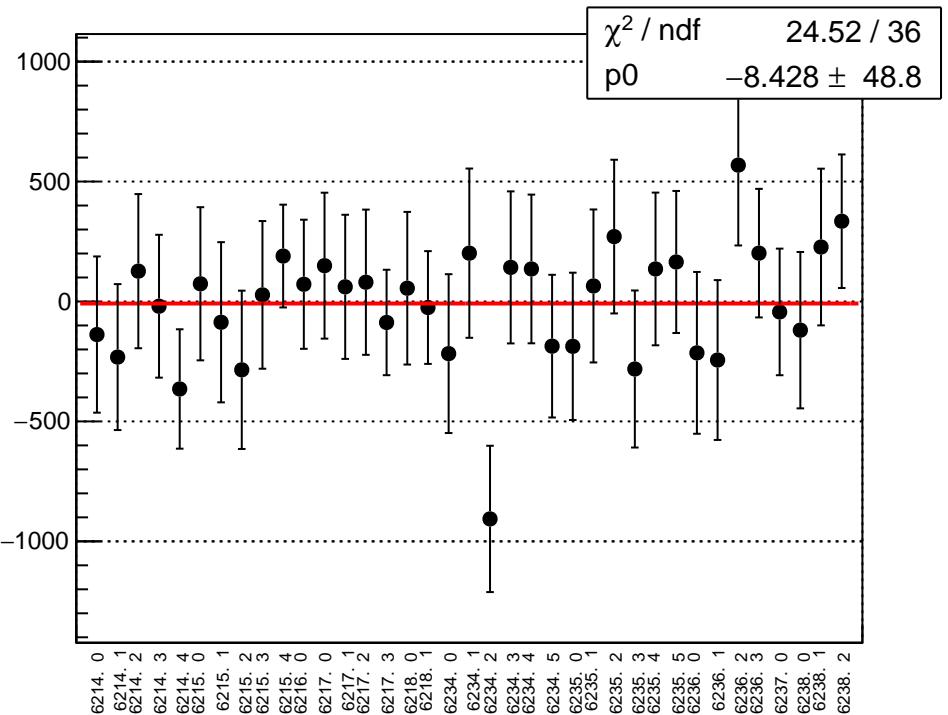


asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs run

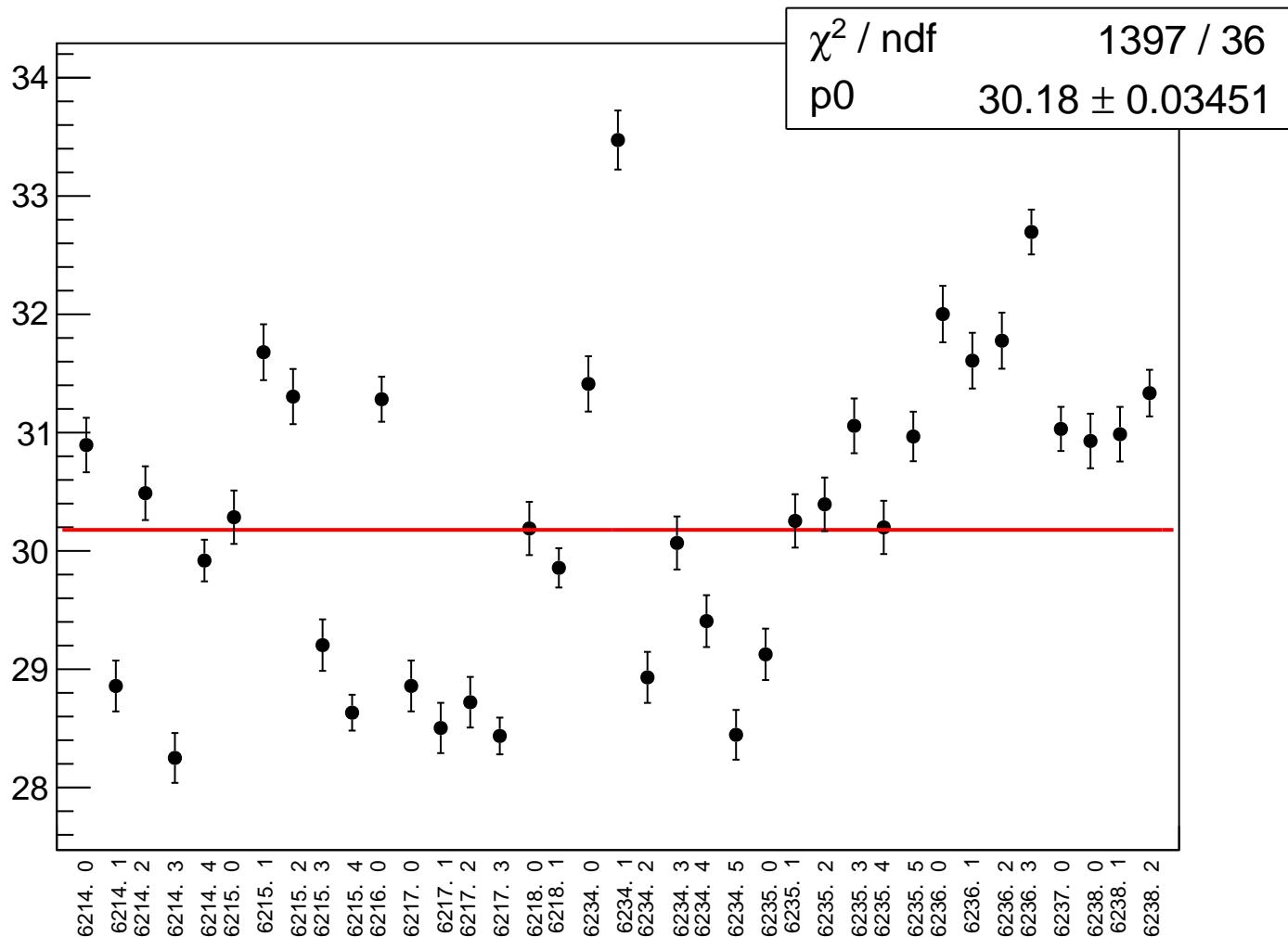
χ^2 / ndf 6.765e+04 / 36
p0 195.2 ± 0.2335



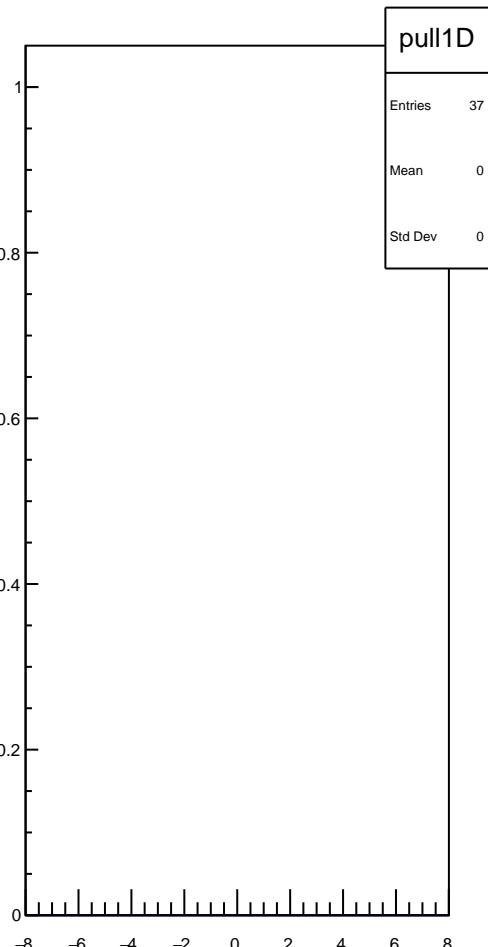
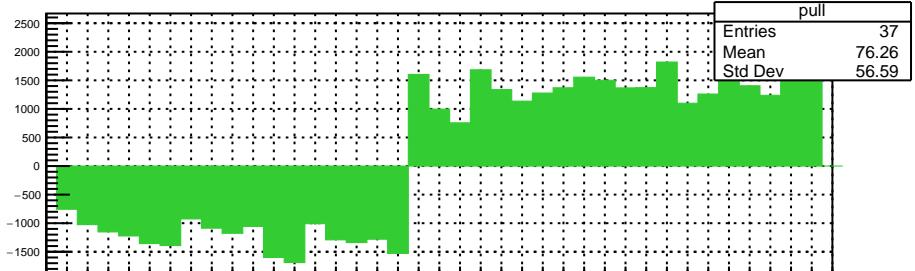
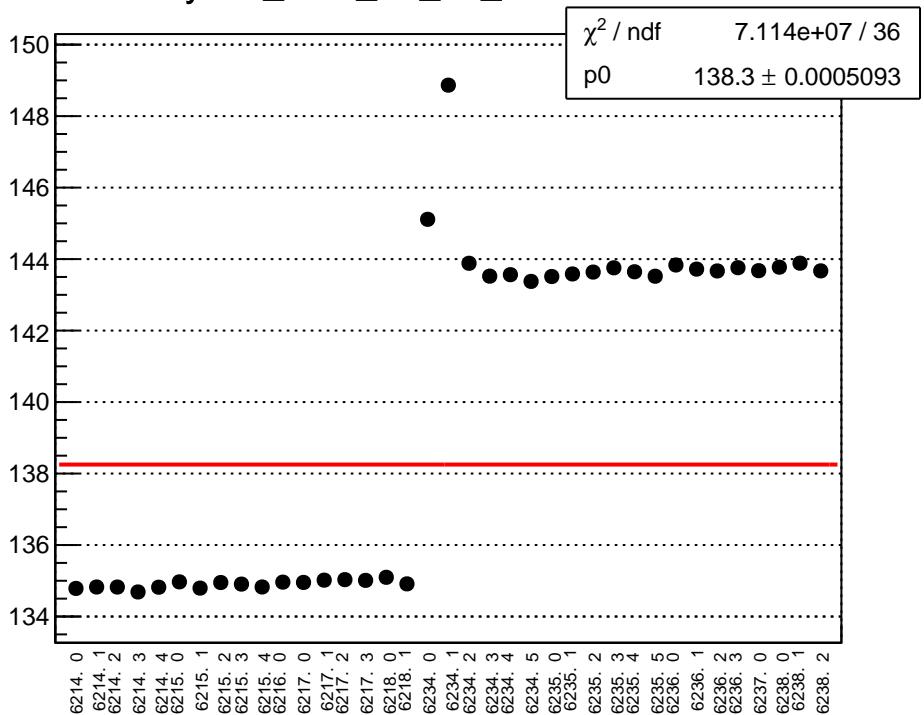
asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs run



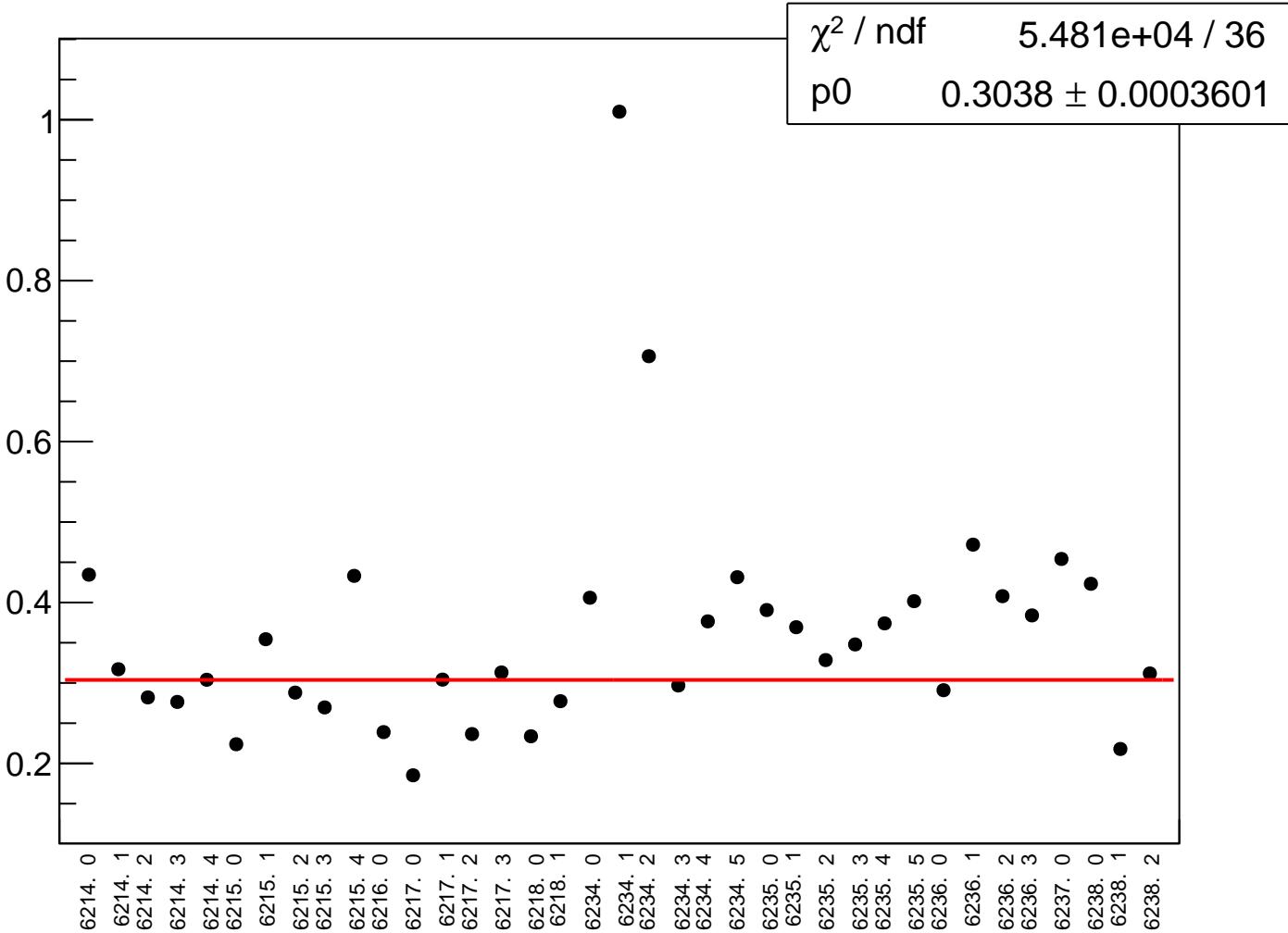
asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs run



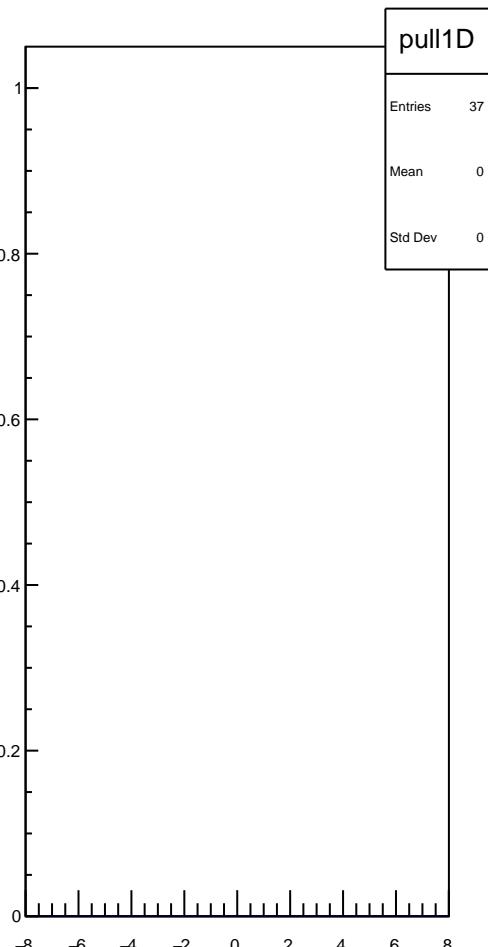
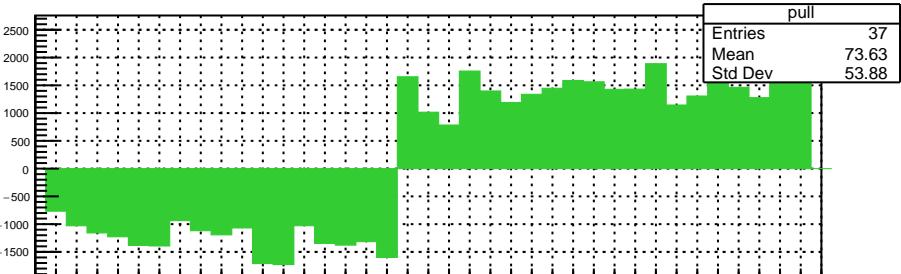
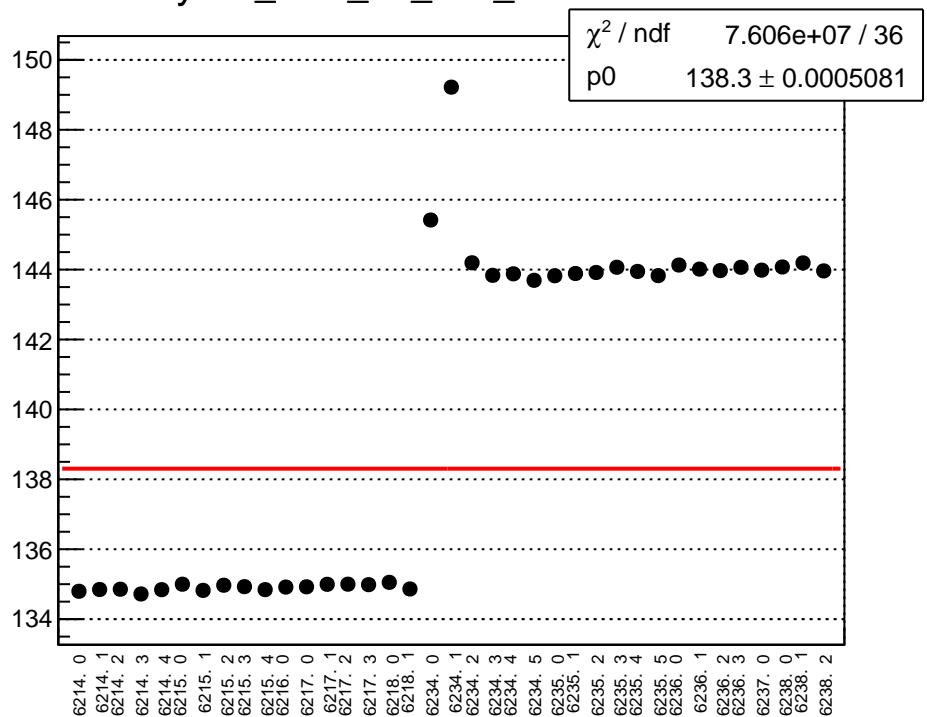
yield_bcm_an_ds_mean vs run



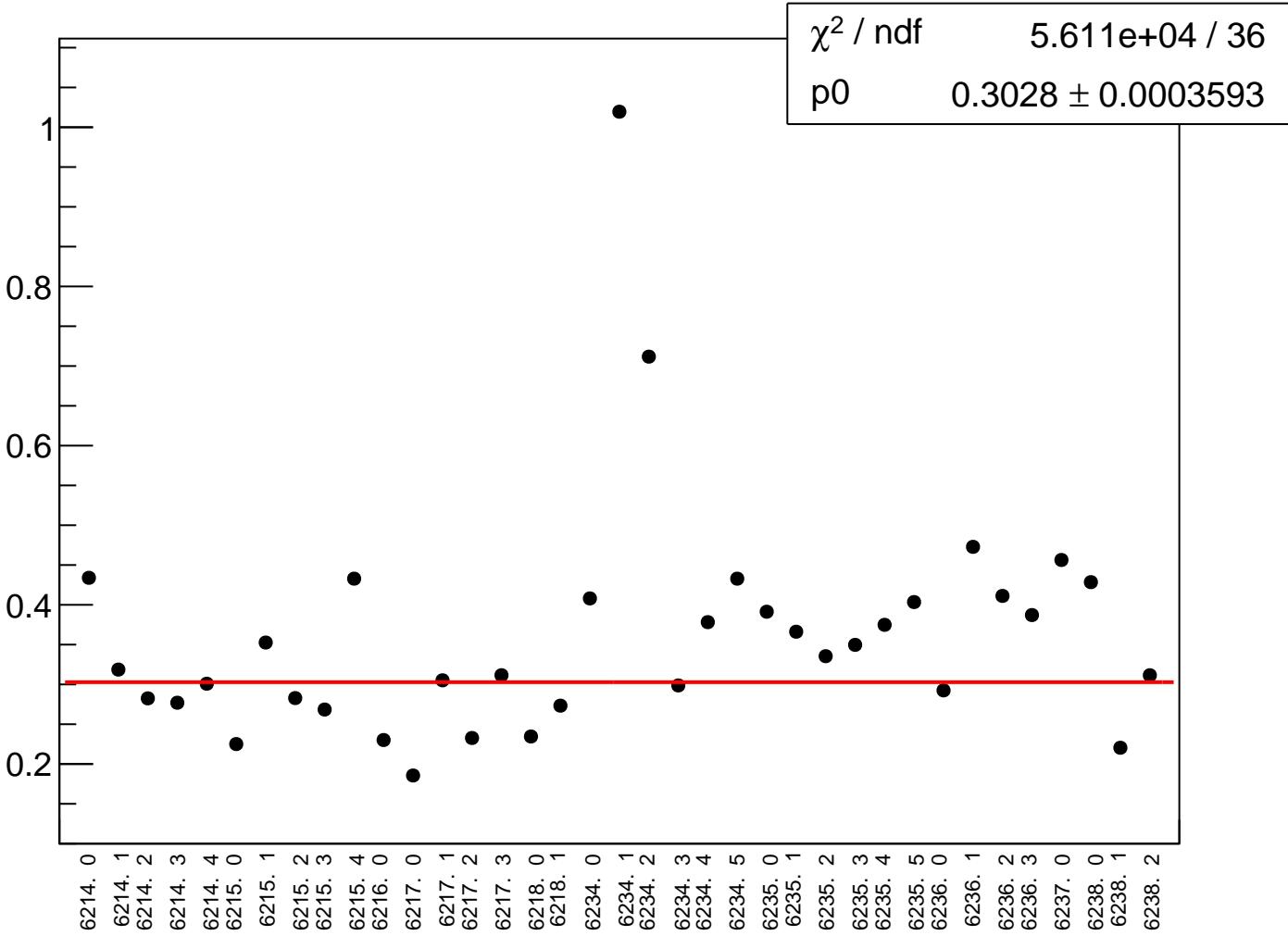
yield_bcm_an_ds_rms vs run



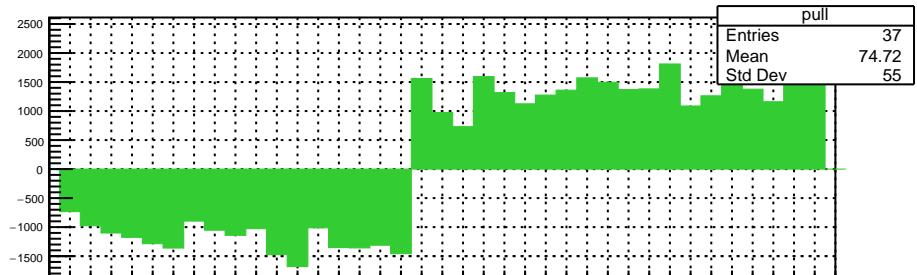
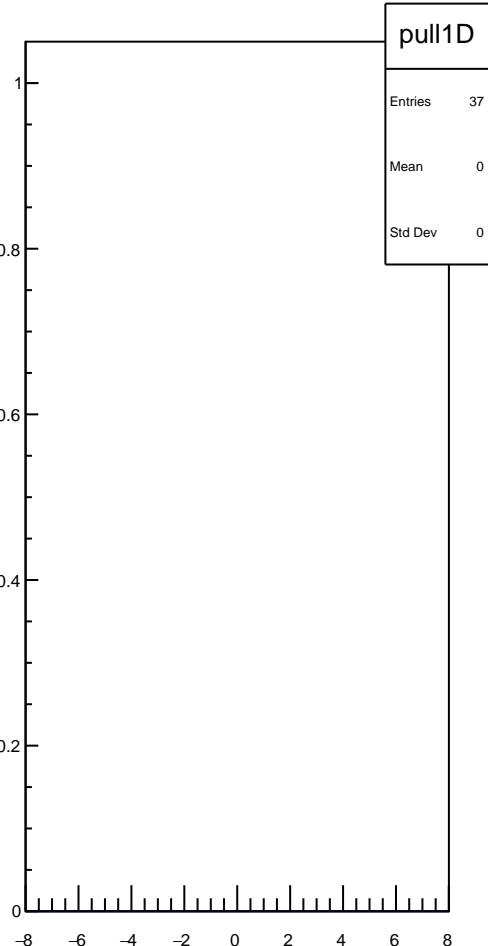
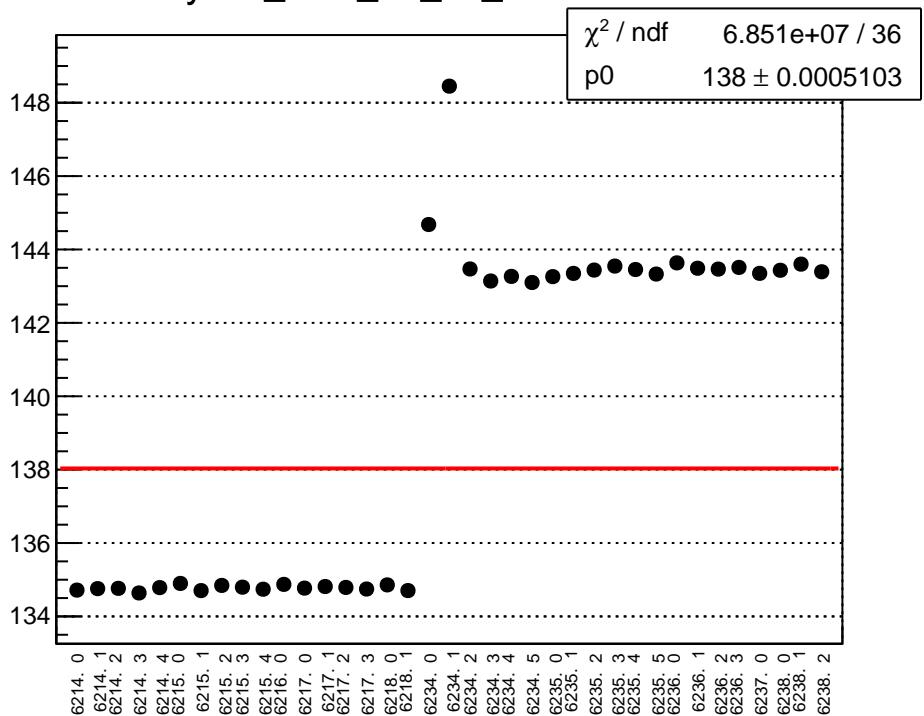
yield_bcm_an_ds3_mean vs run



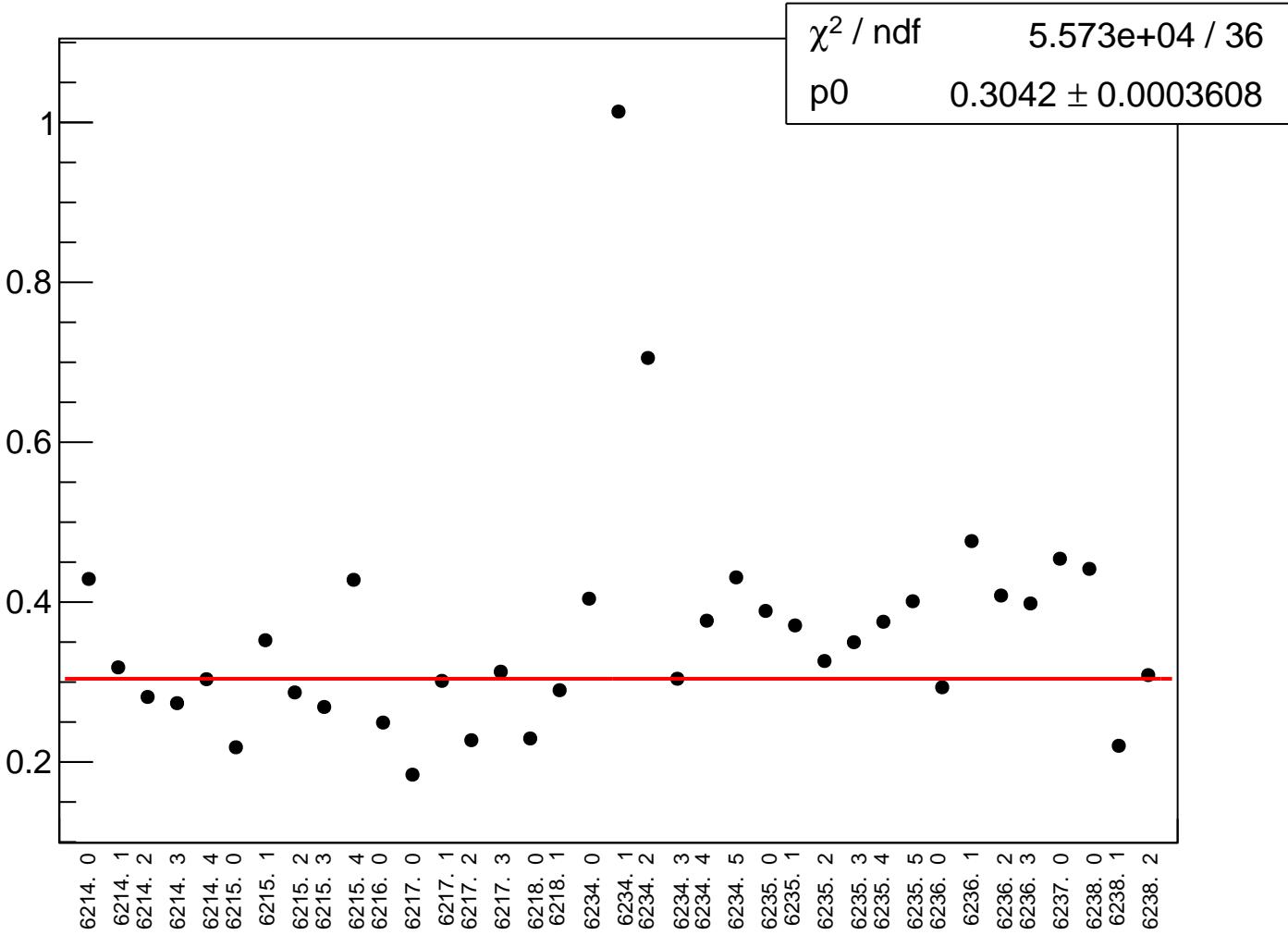
yield_bcm_an_ds3_rms vs run



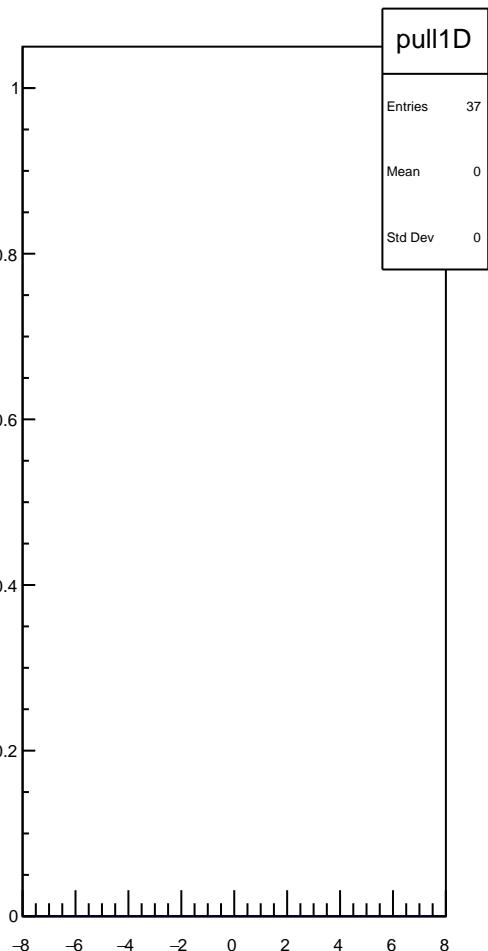
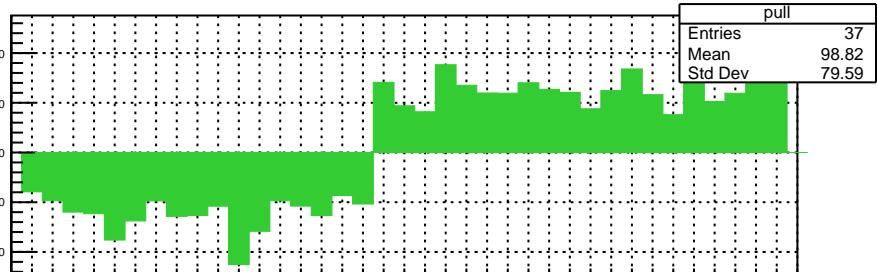
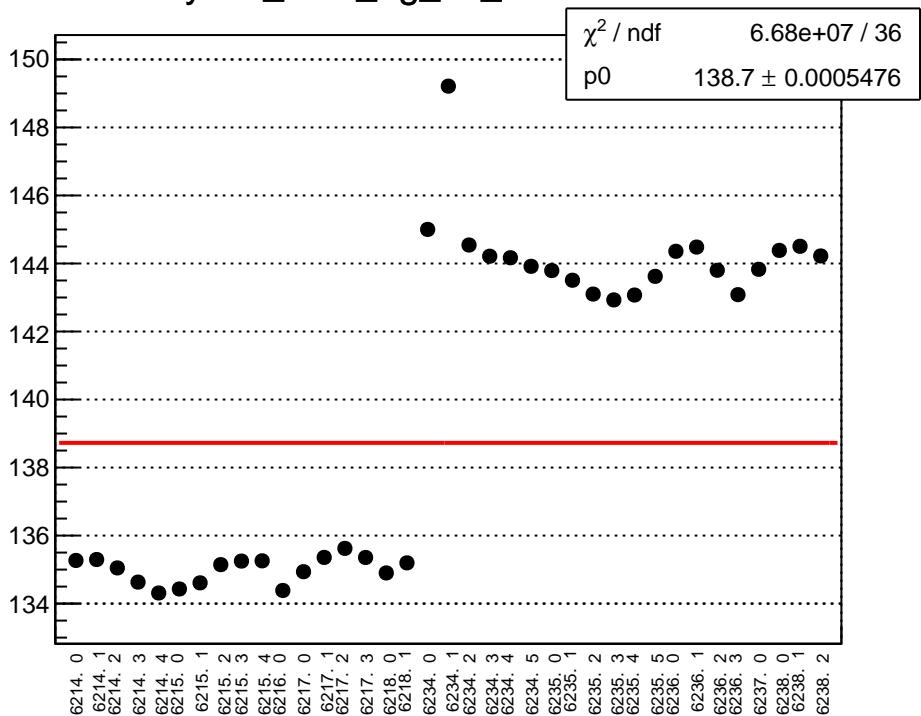
yield_bcm_an_us_mean vs run



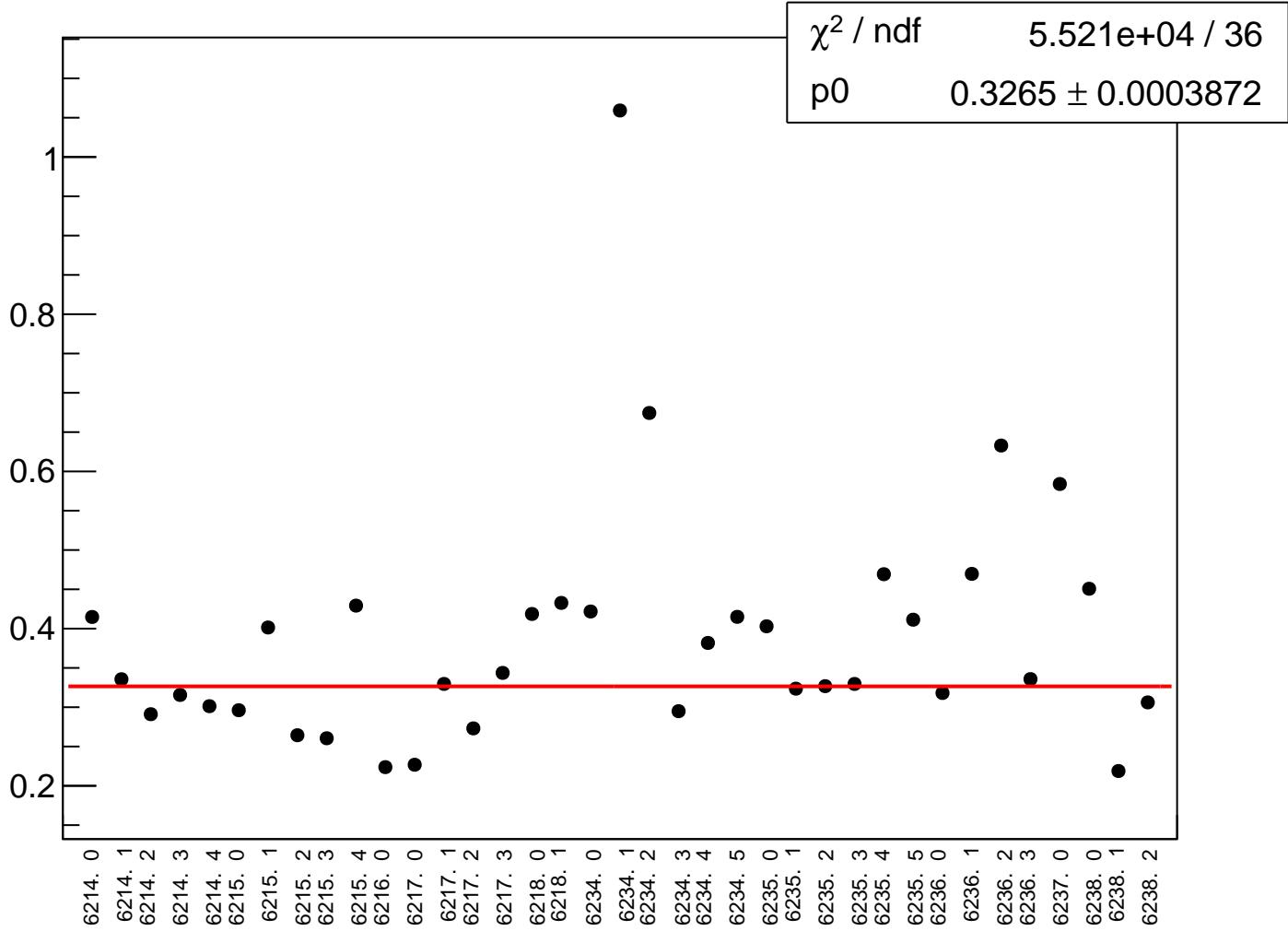
yield_bcm_an_us_rms vs run



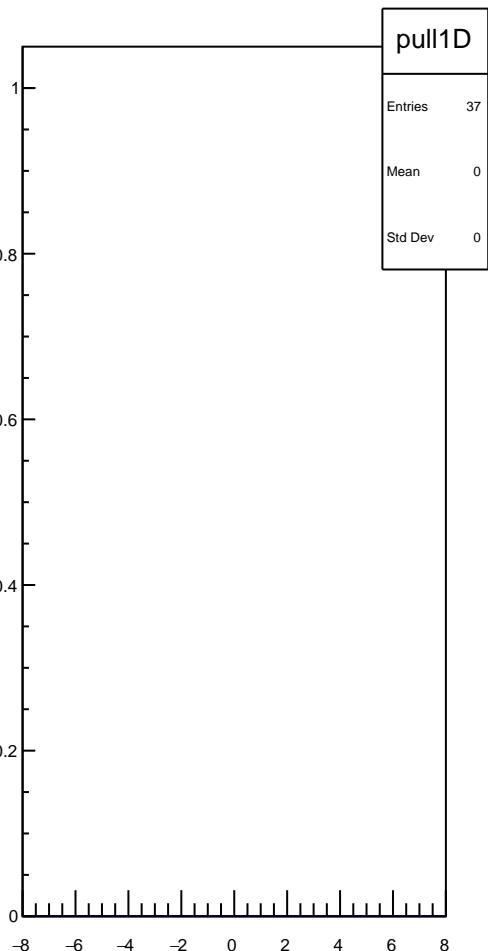
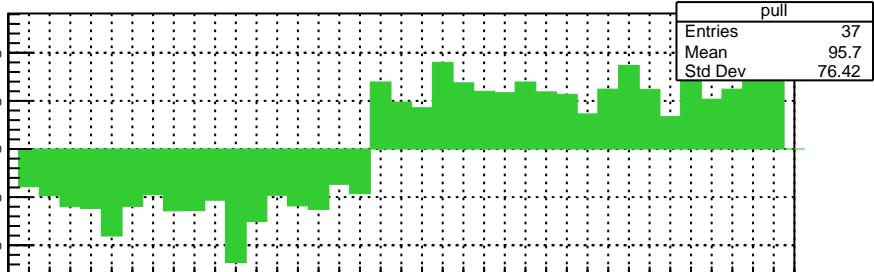
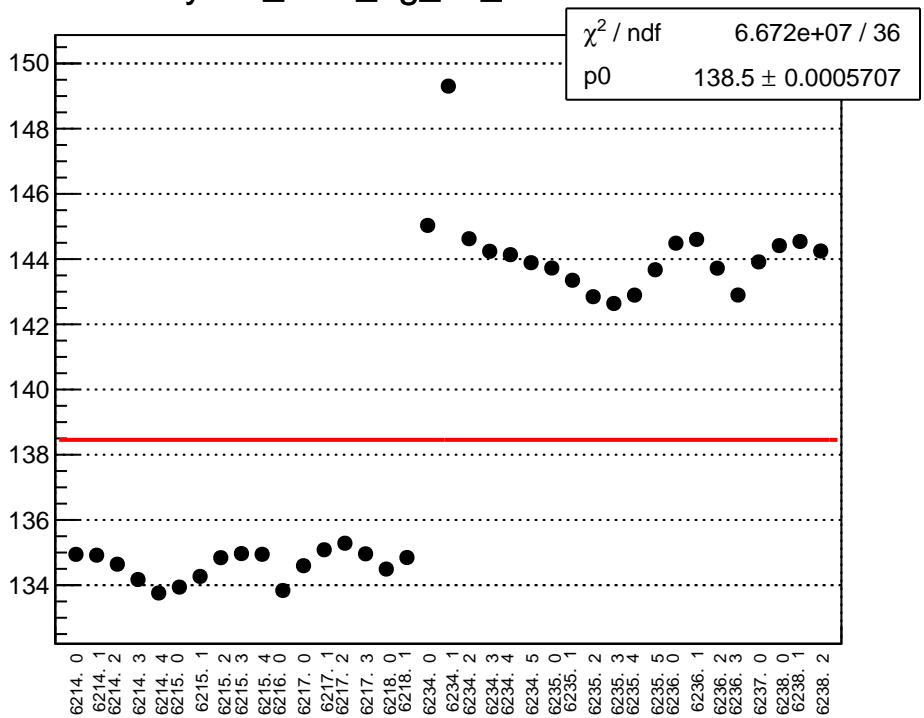
yield_bcm_dg_us_mean vs run



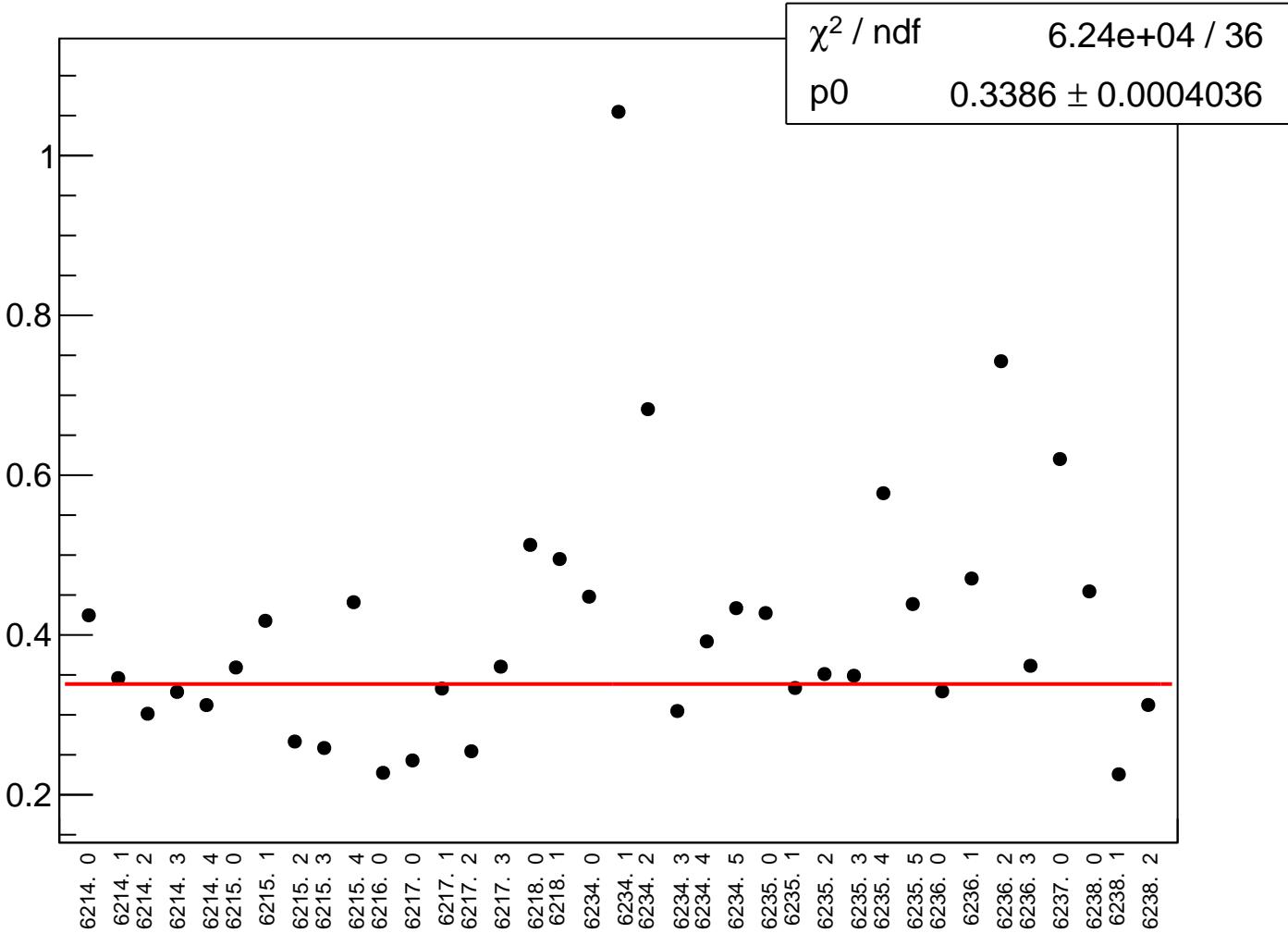
yield_bcm_dg_us_rms vs run



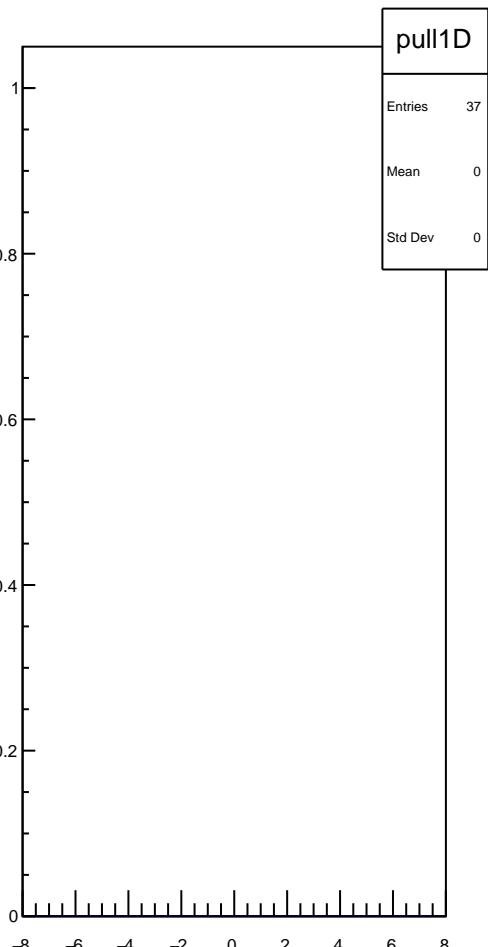
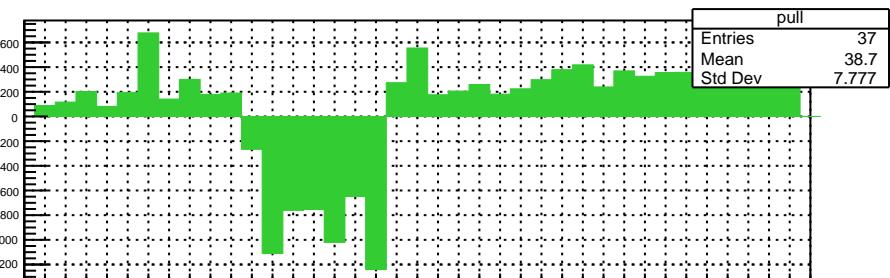
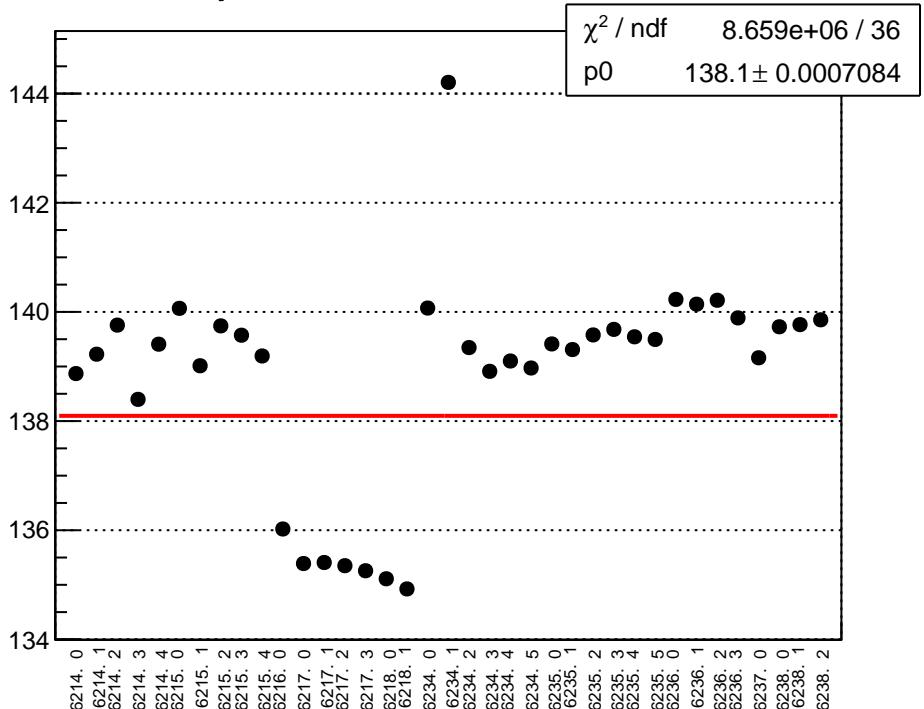
yield_bcm_dg_ds_mean vs run



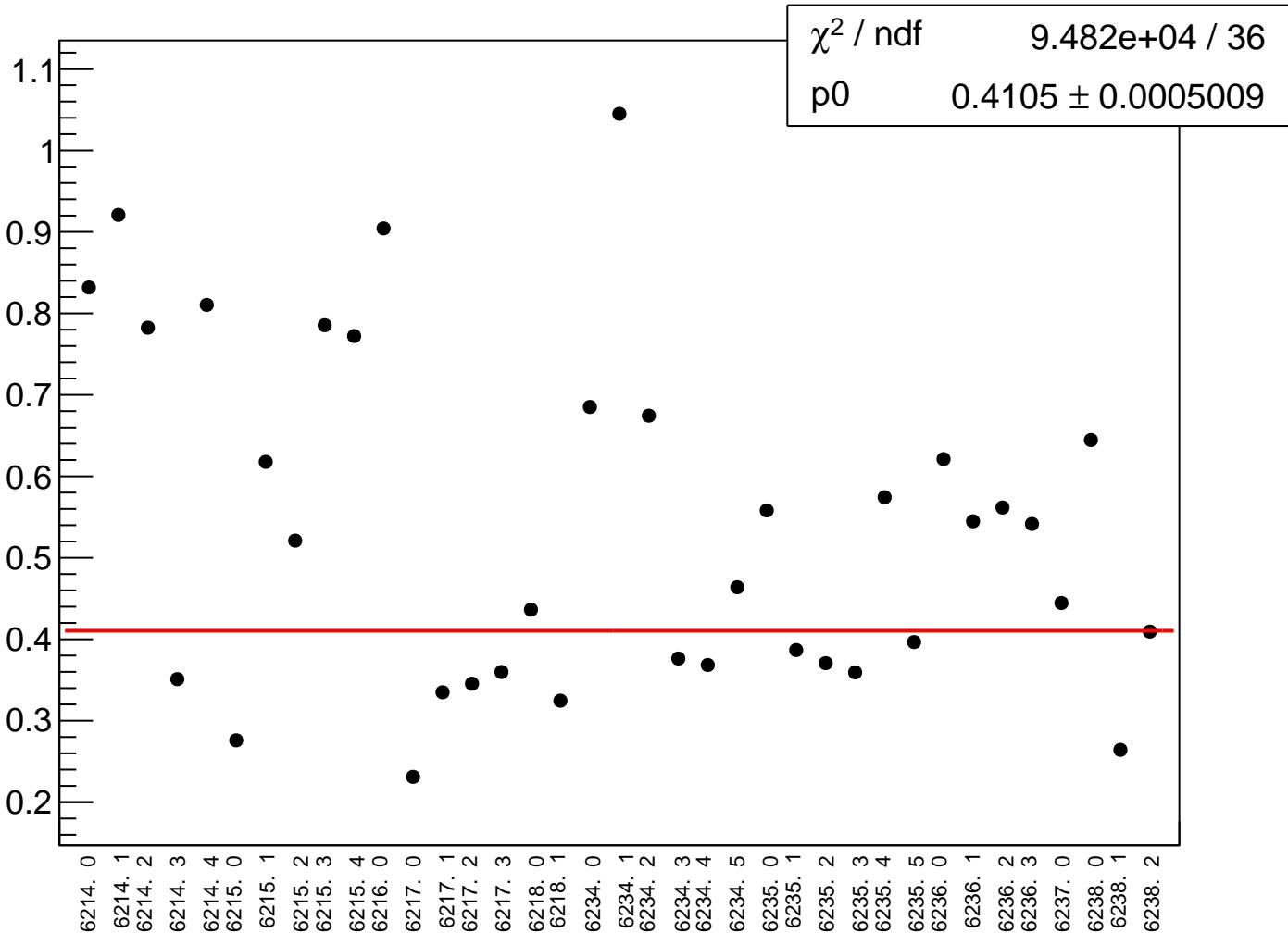
yield_bcm_dg_ds_rms vs run



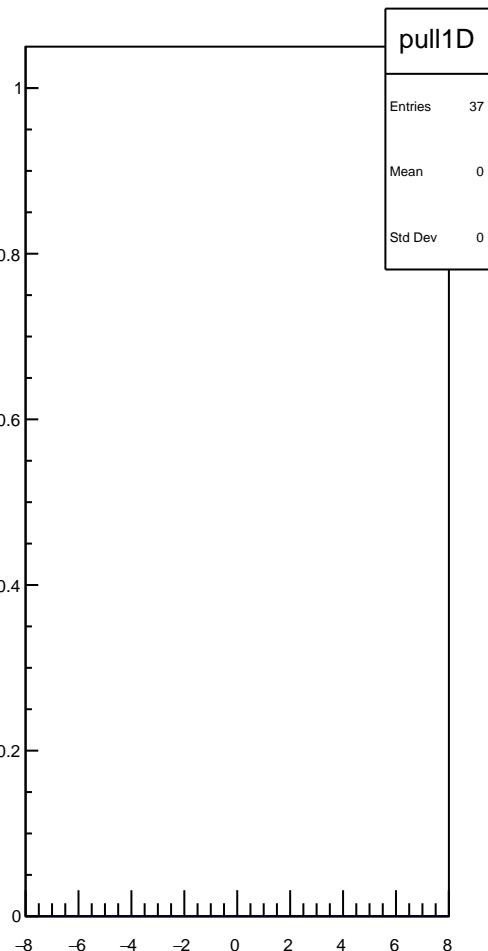
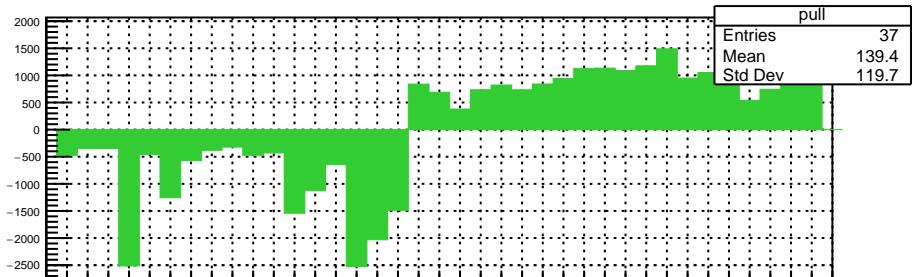
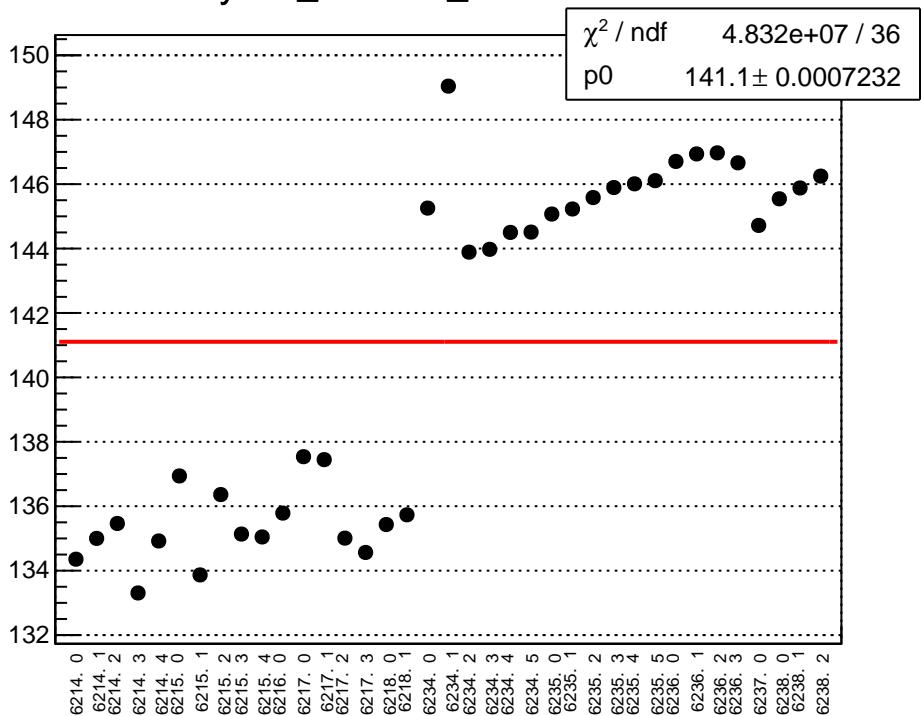
yield_cav4bQ_mean vs run



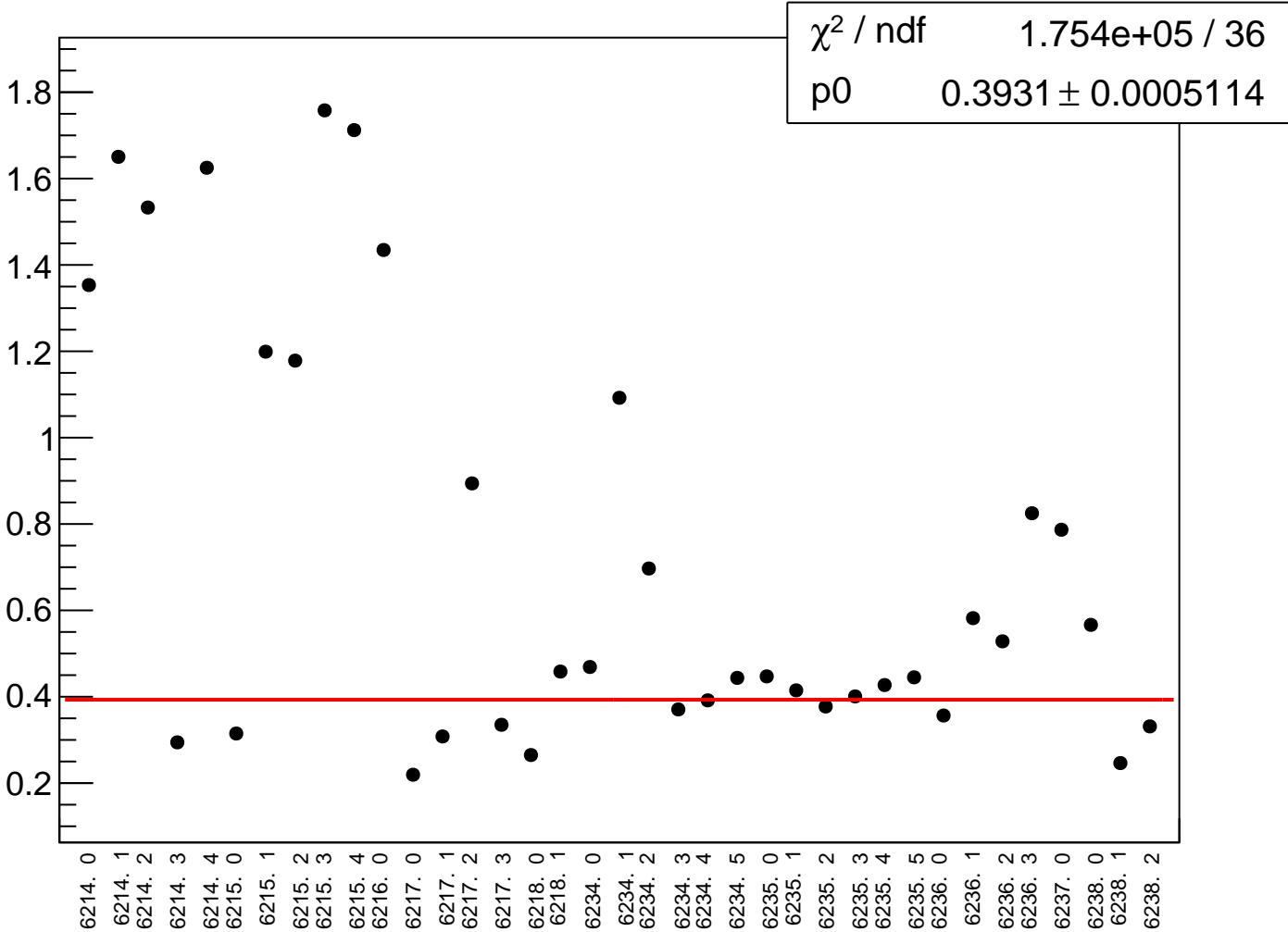
yield_cav4bQ_rms vs run



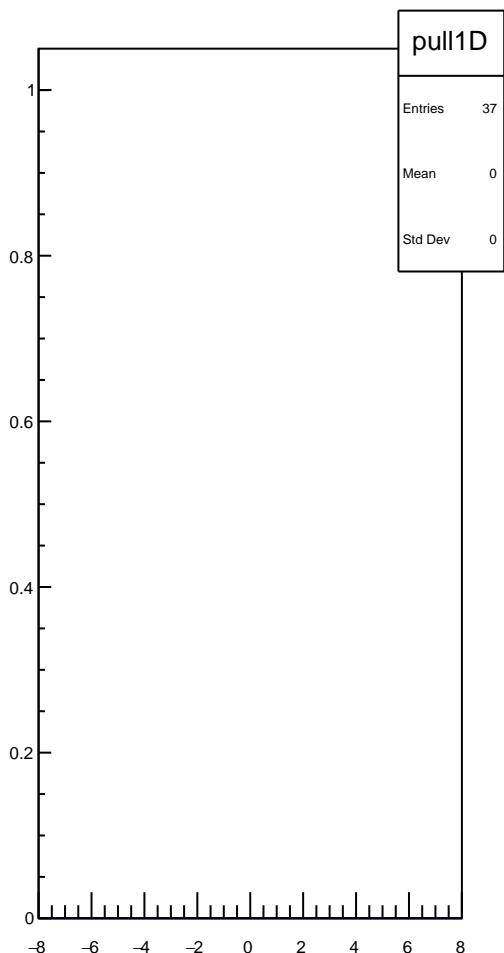
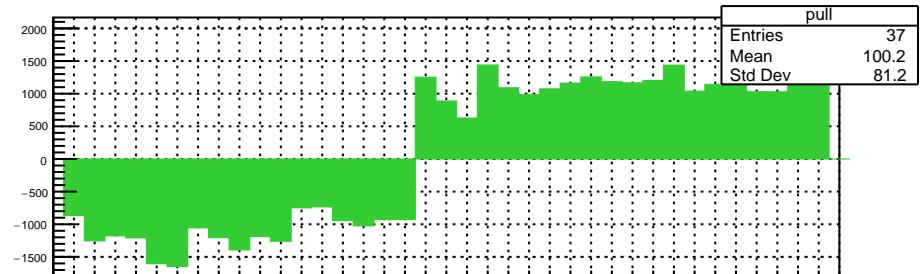
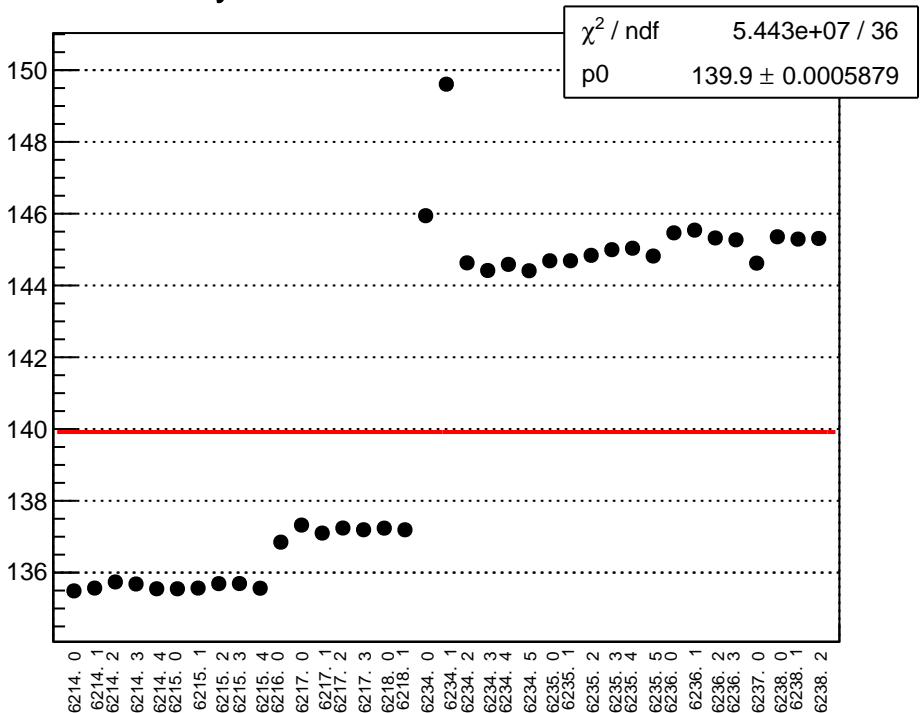
yield_cav4cQ_mean vs run



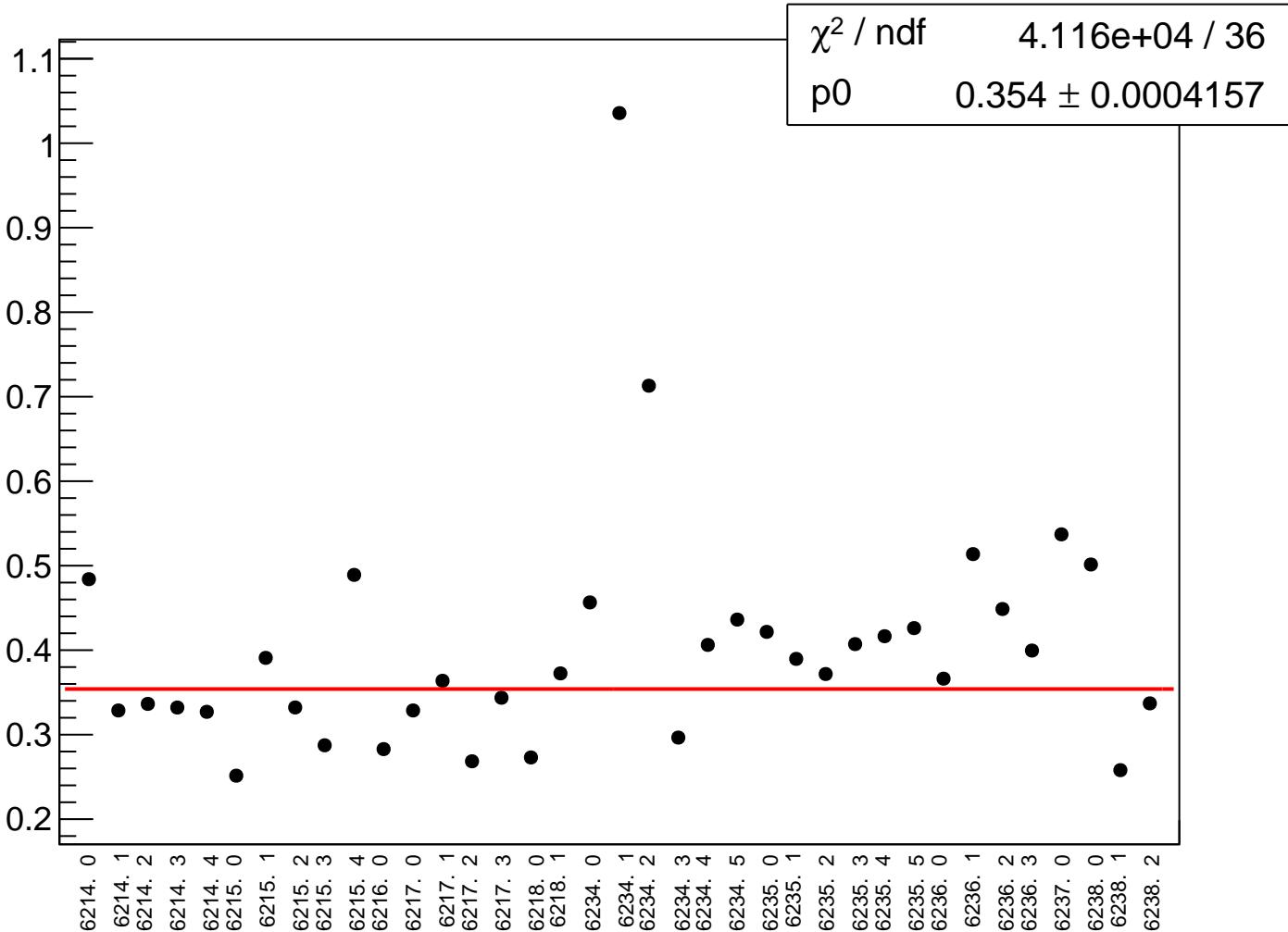
yield_cav4cQ_rms vs run



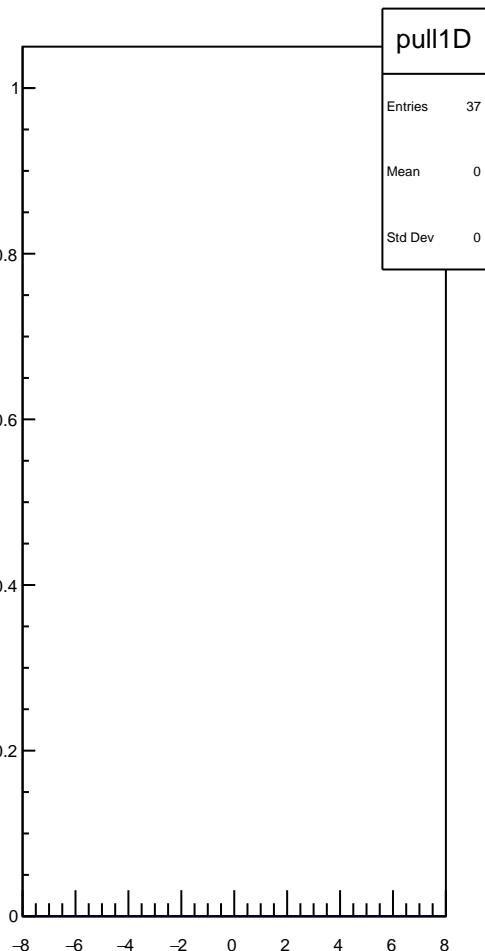
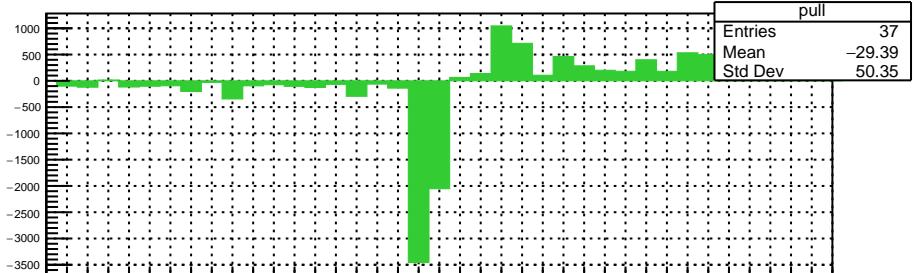
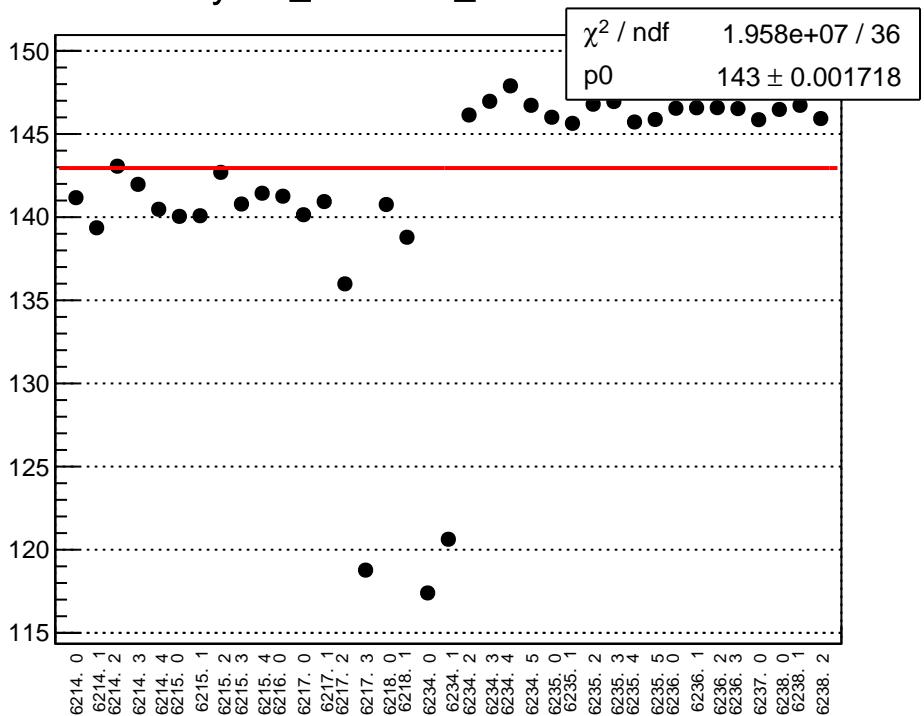
yield_cav4dQ_mean vs run



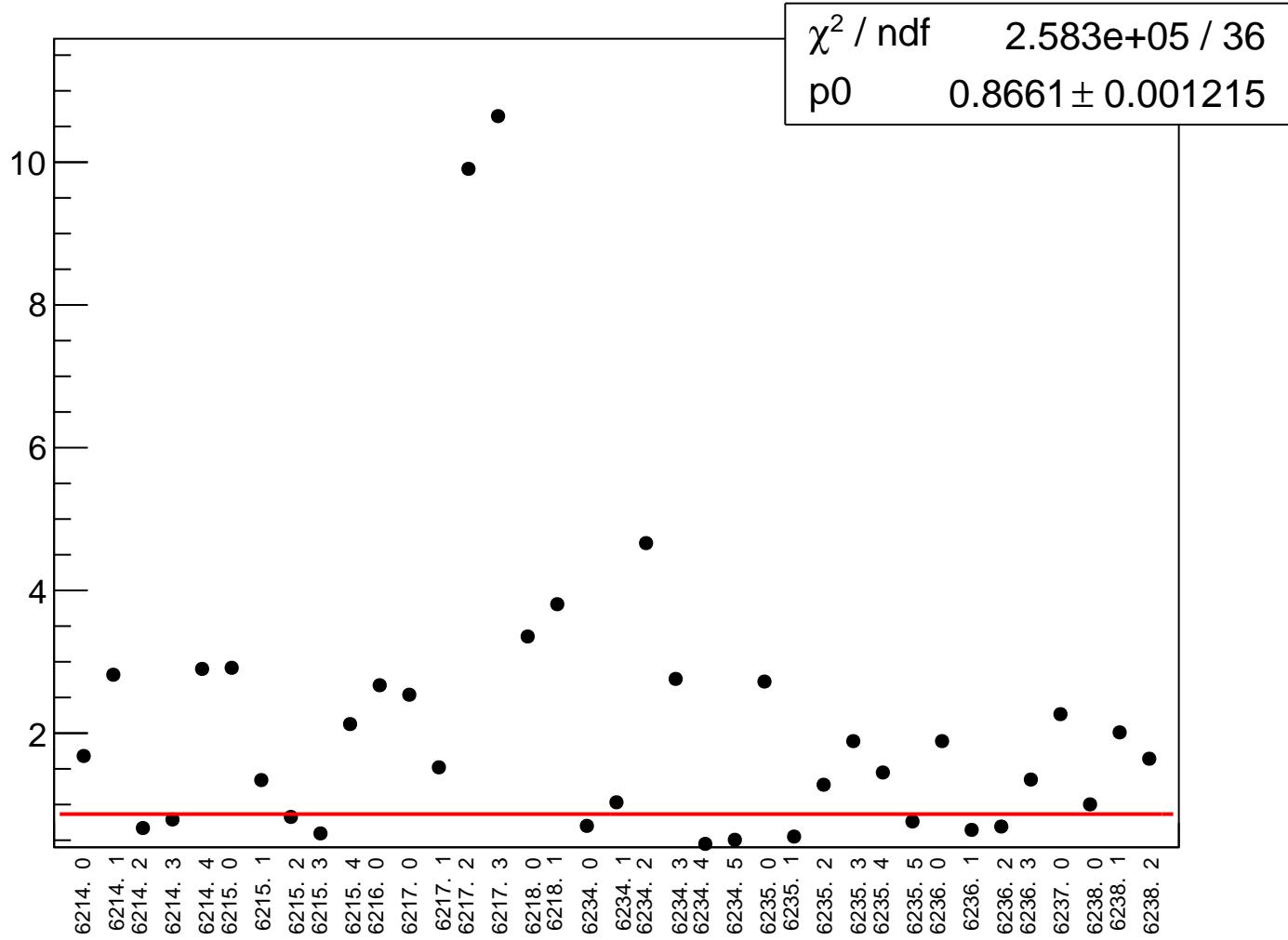
yield_cav4dQ_rms vs run



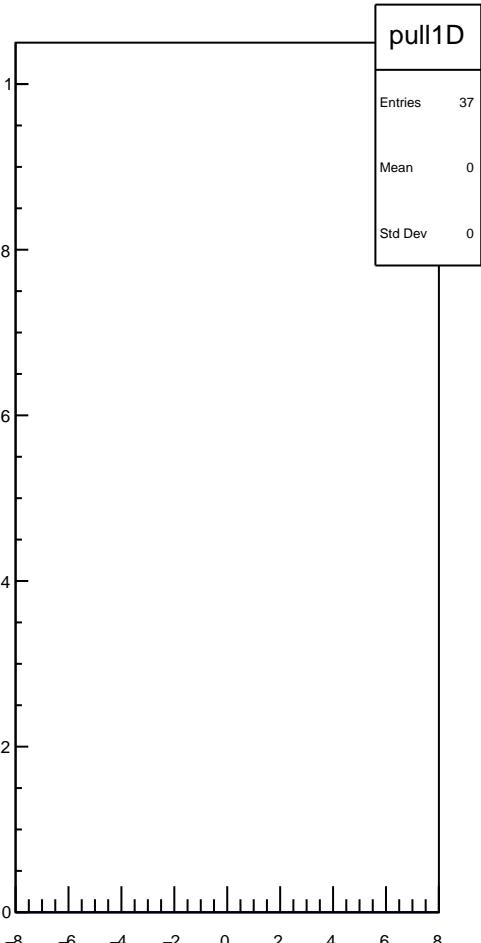
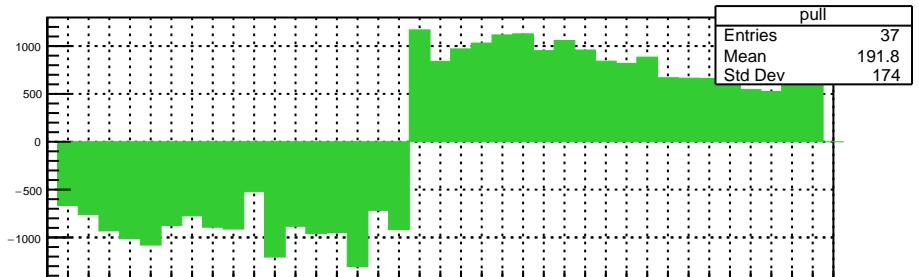
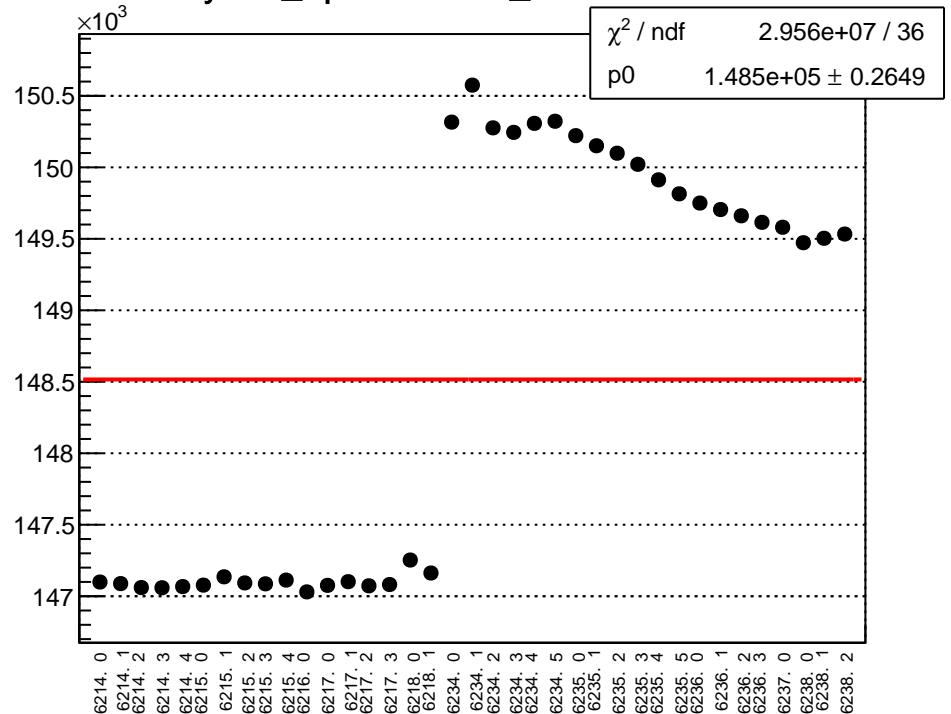
yield_bcm0l02_mean vs run



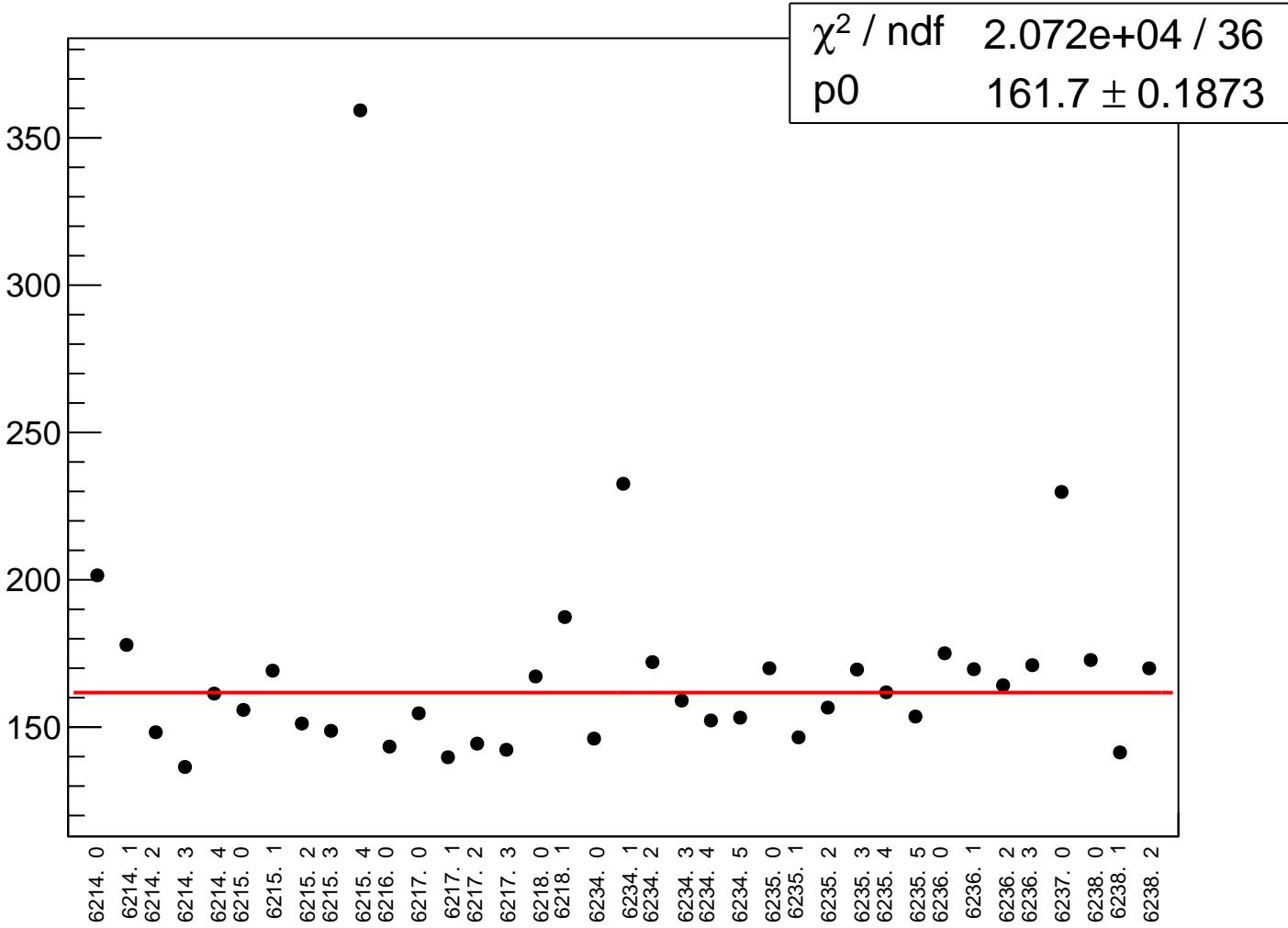
yield_bcm0l02_rms vs run



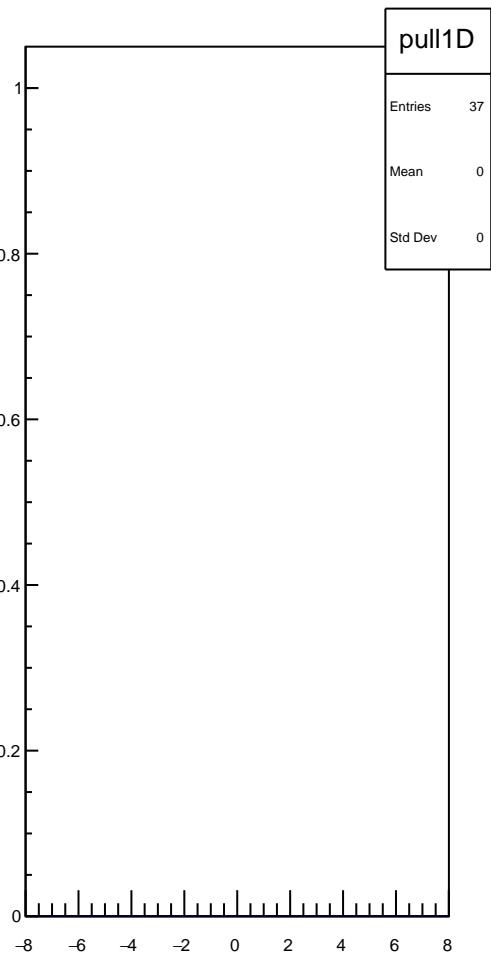
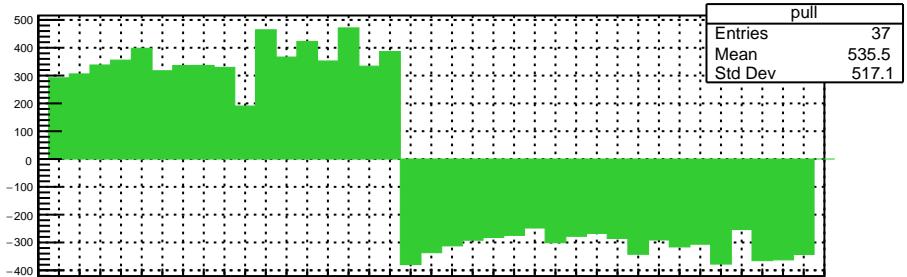
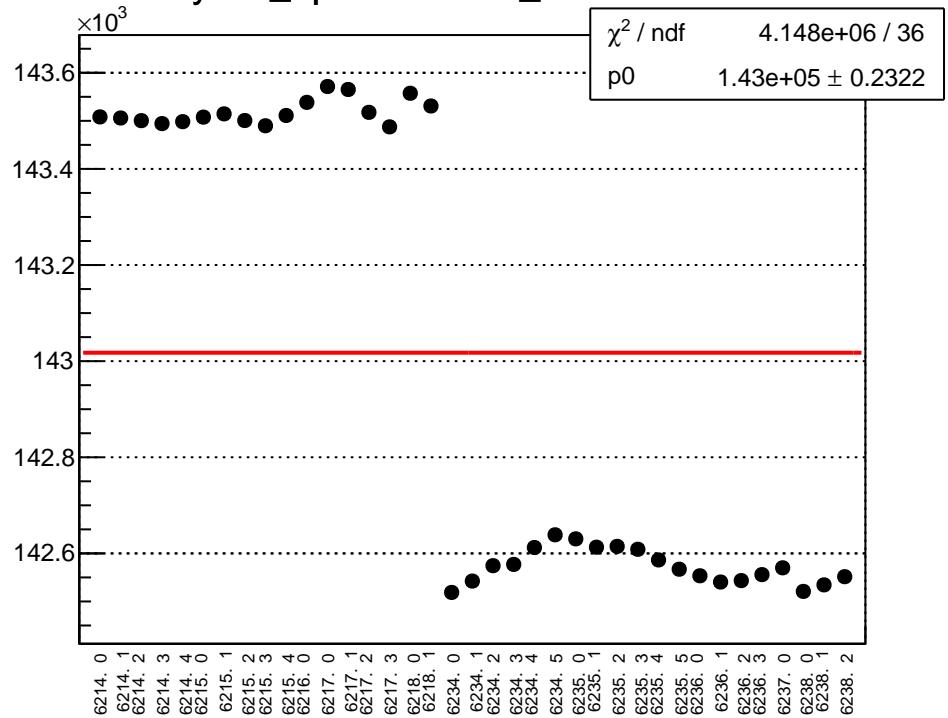
yield_bpm0i01WS_mean vs run



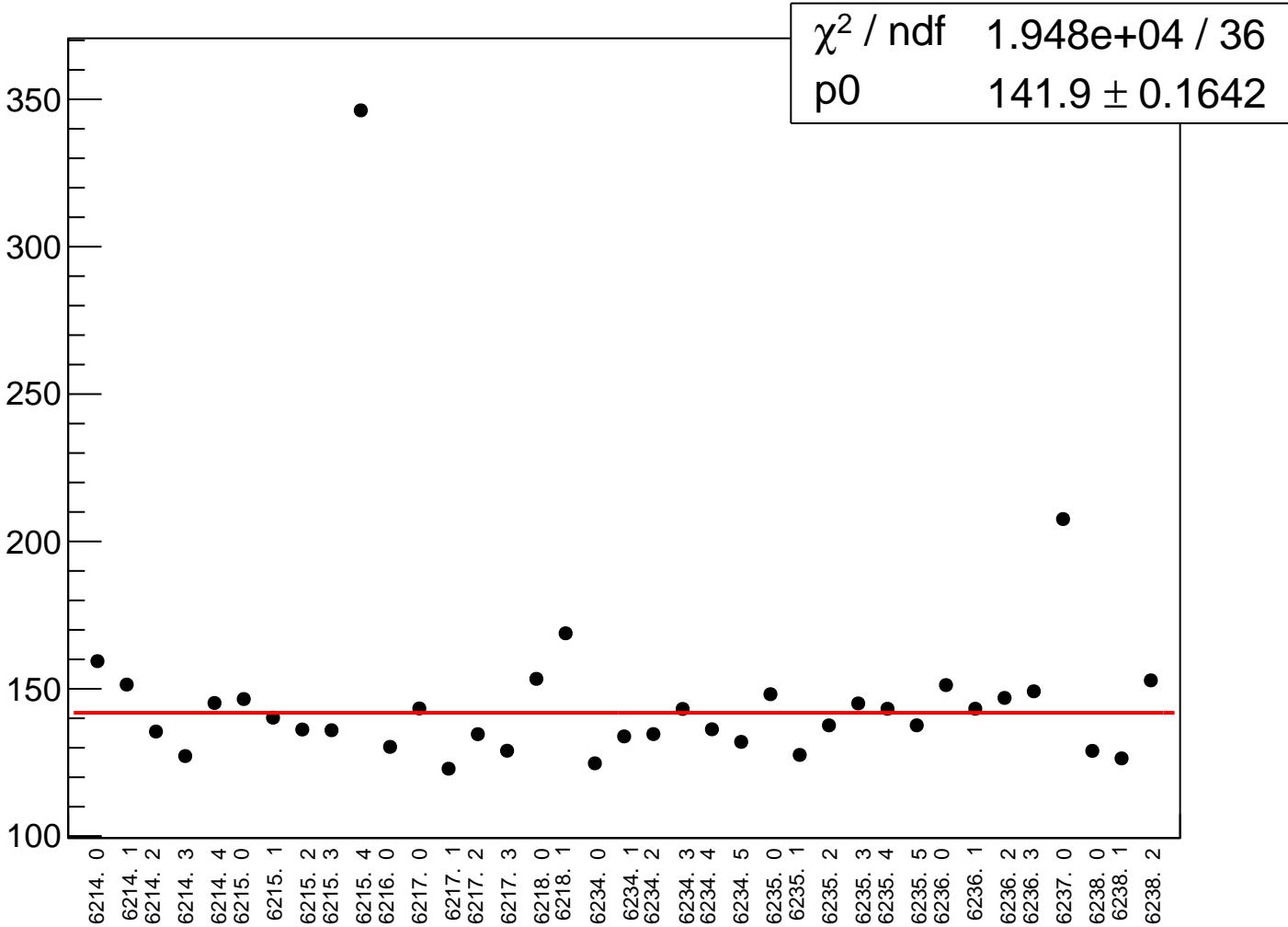
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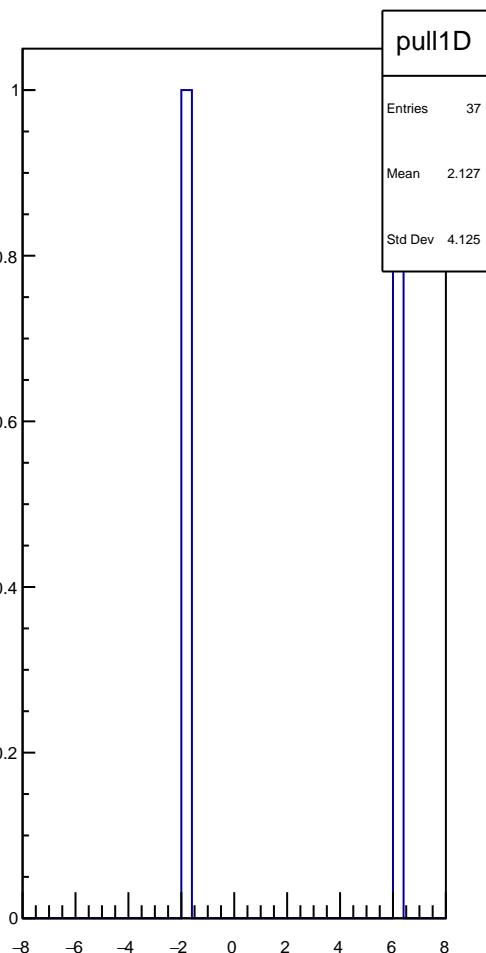
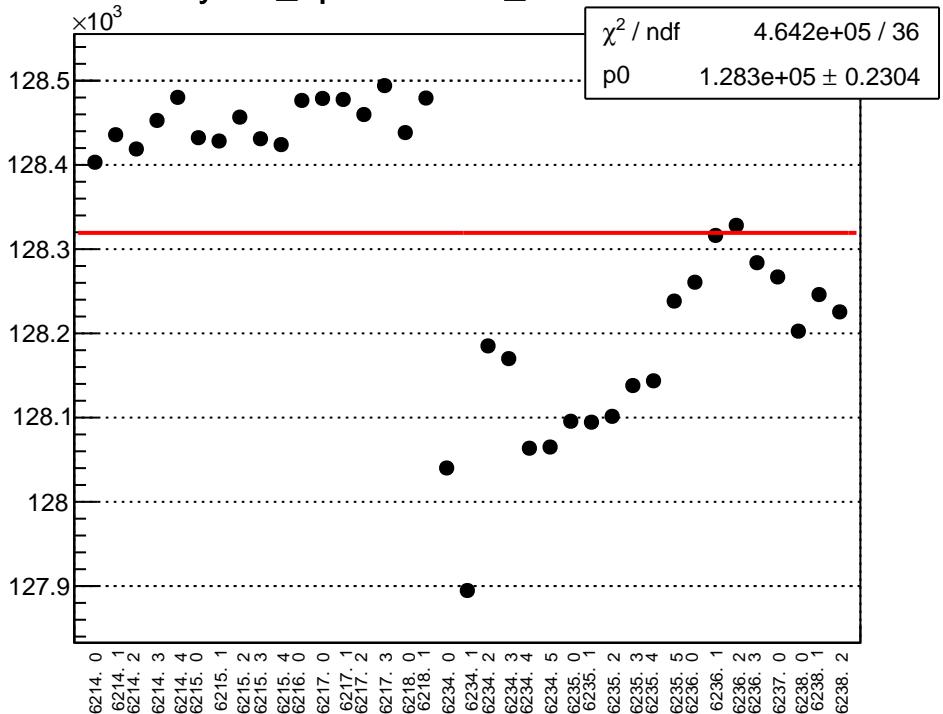
yield_bpm0i01aWS_mean vs run



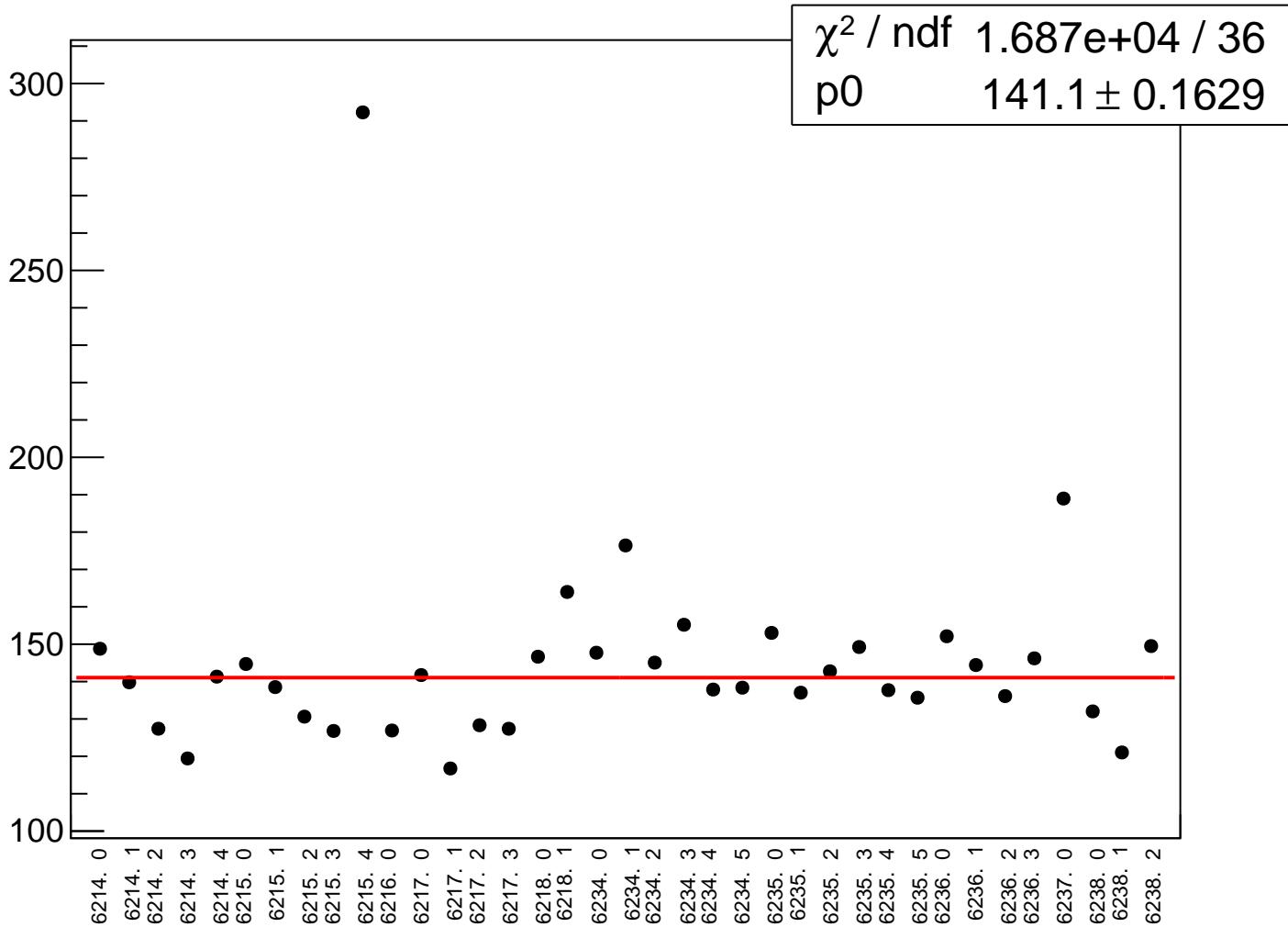
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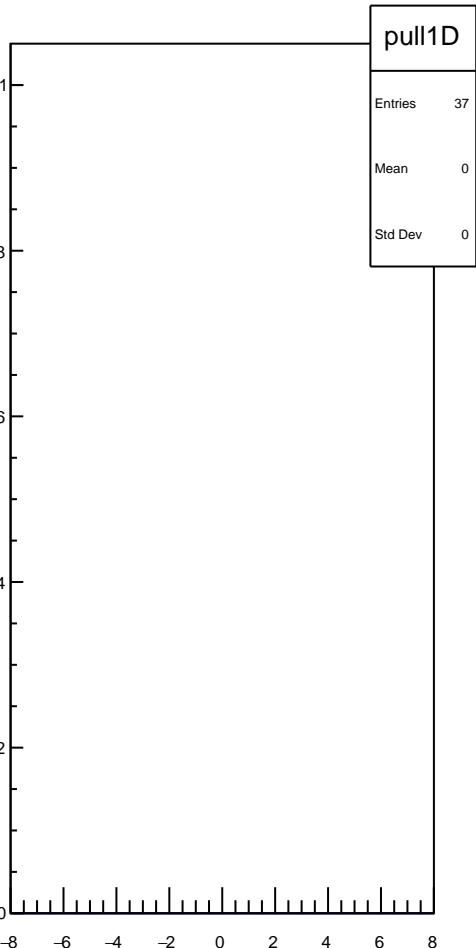
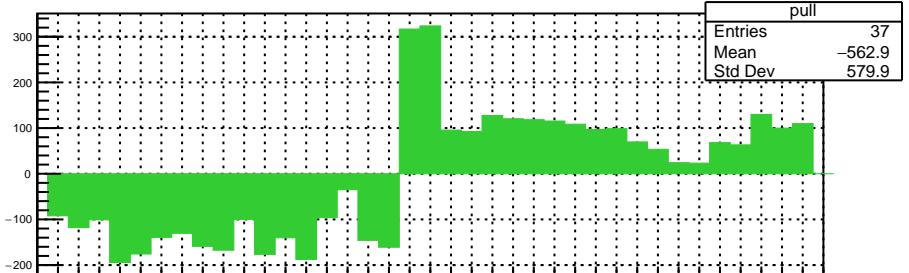
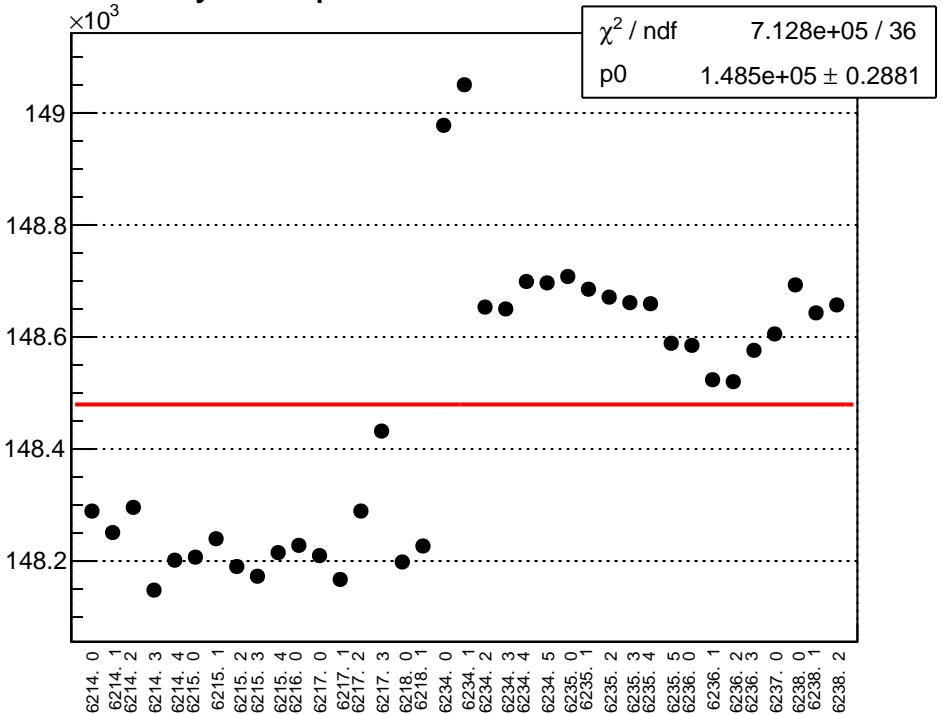
yield_bpm0l01WS_mean vs run



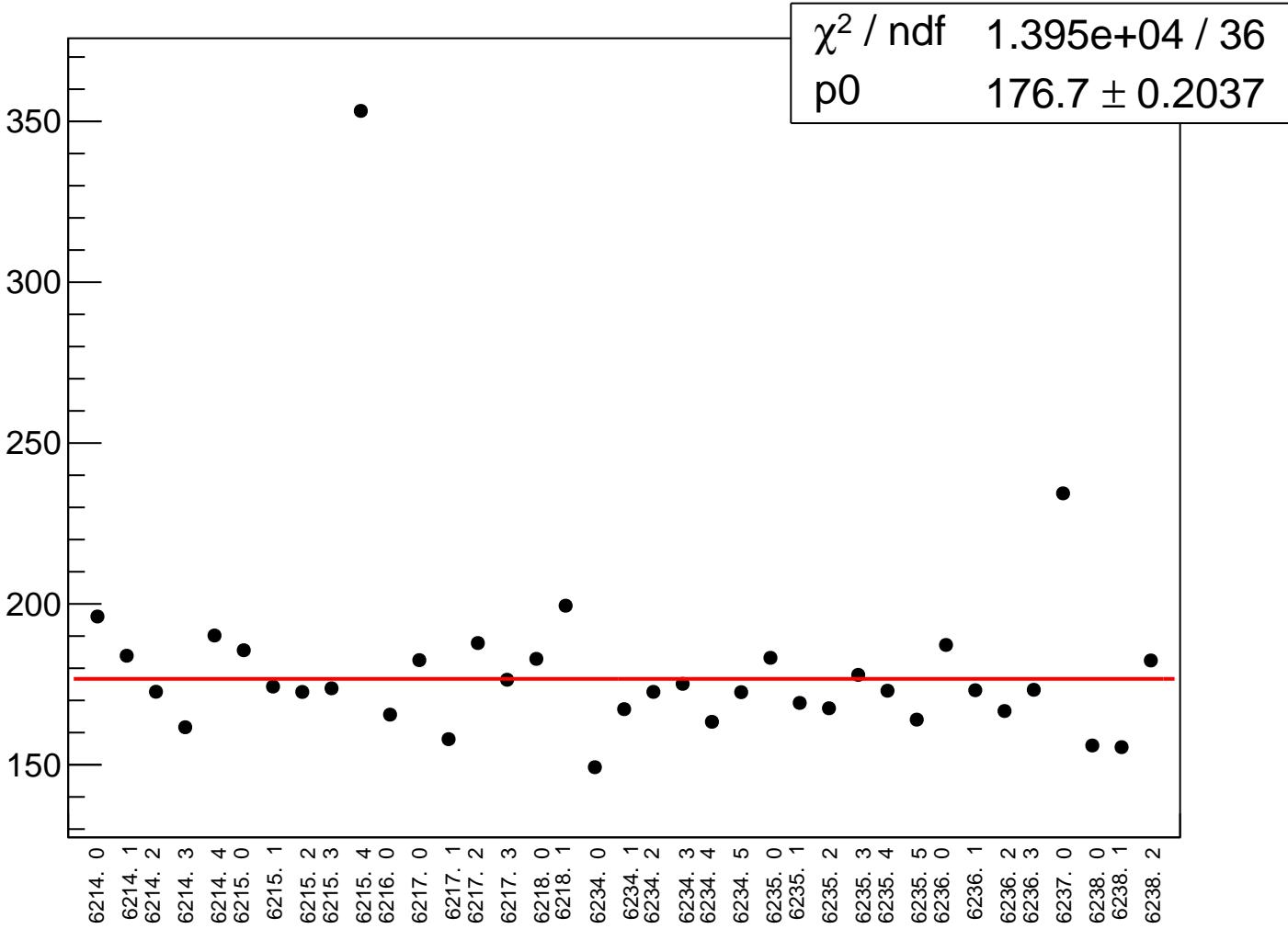
yield_bpm0l01WS_rms vs run



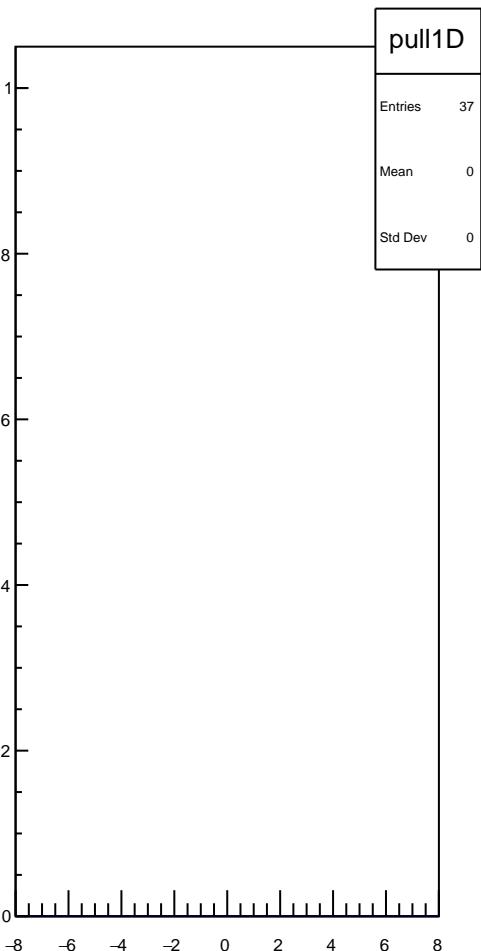
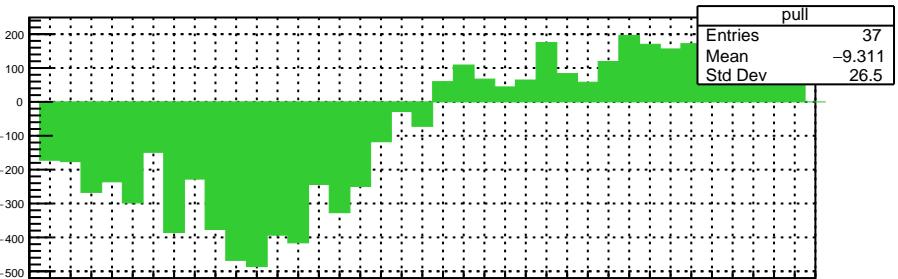
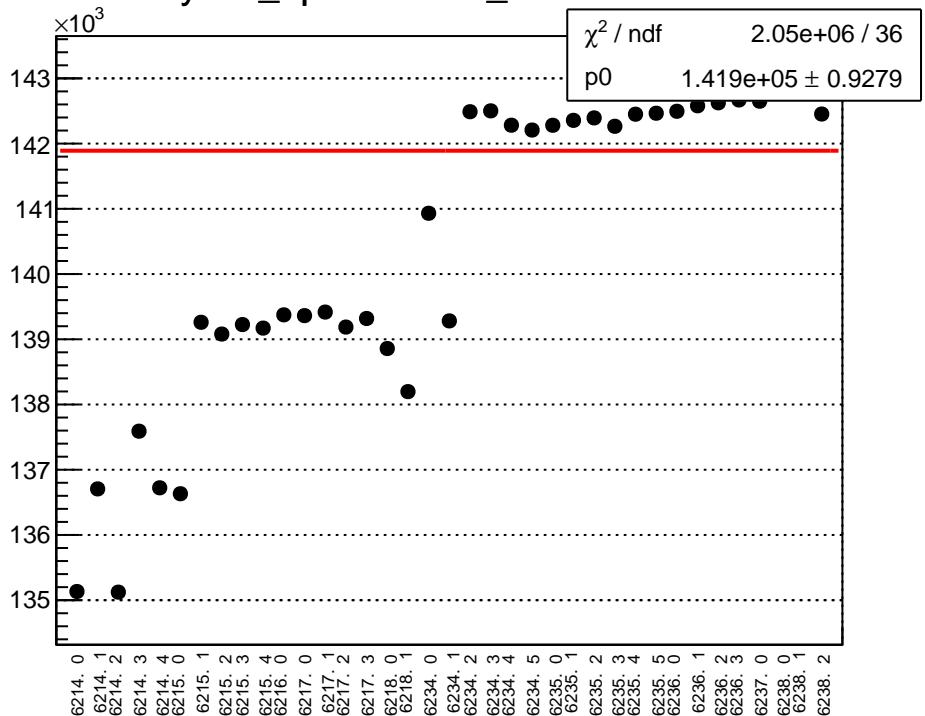
yield_bpm0102WS_mean vs run



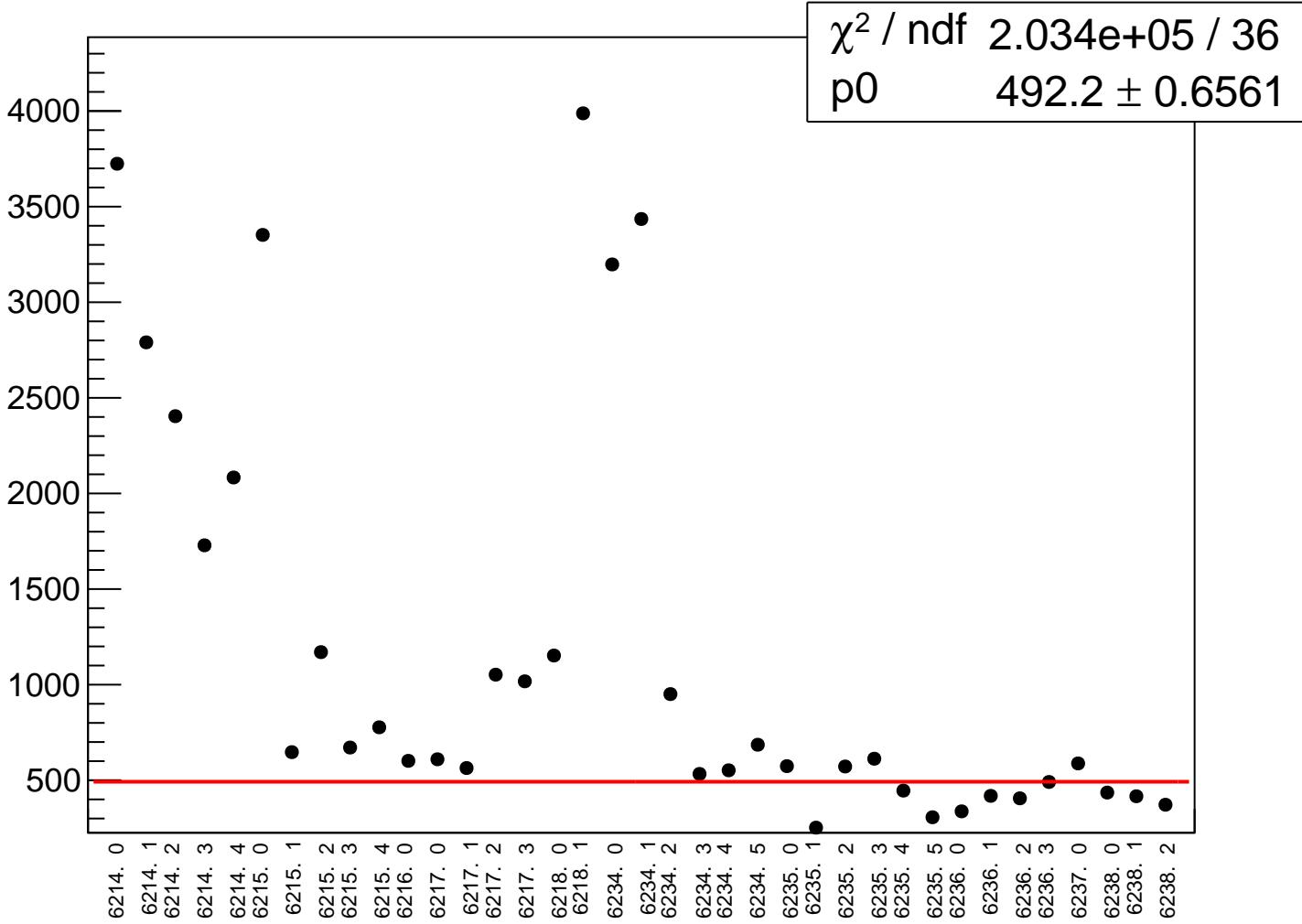
yield_bpm0l02WS_rms vs run



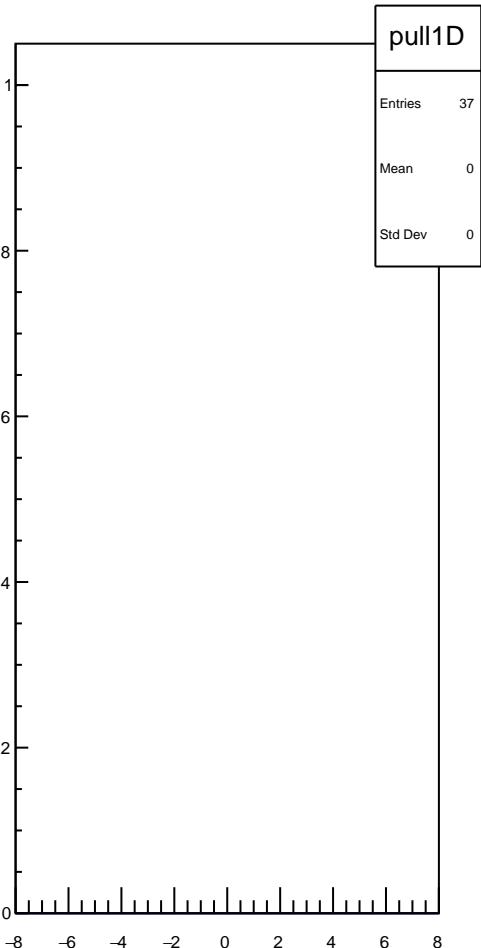
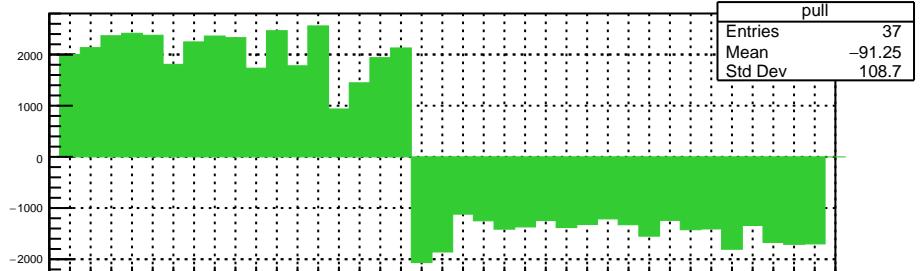
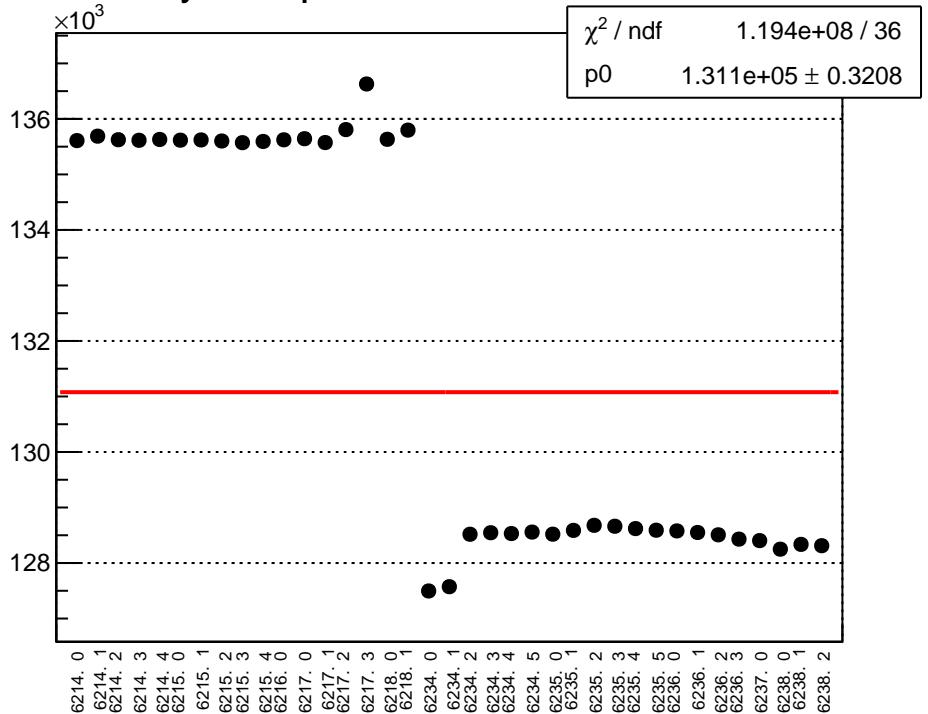
yield_bpm0l03WS_mean vs run



yield_bpm0l03WS_rms vs run

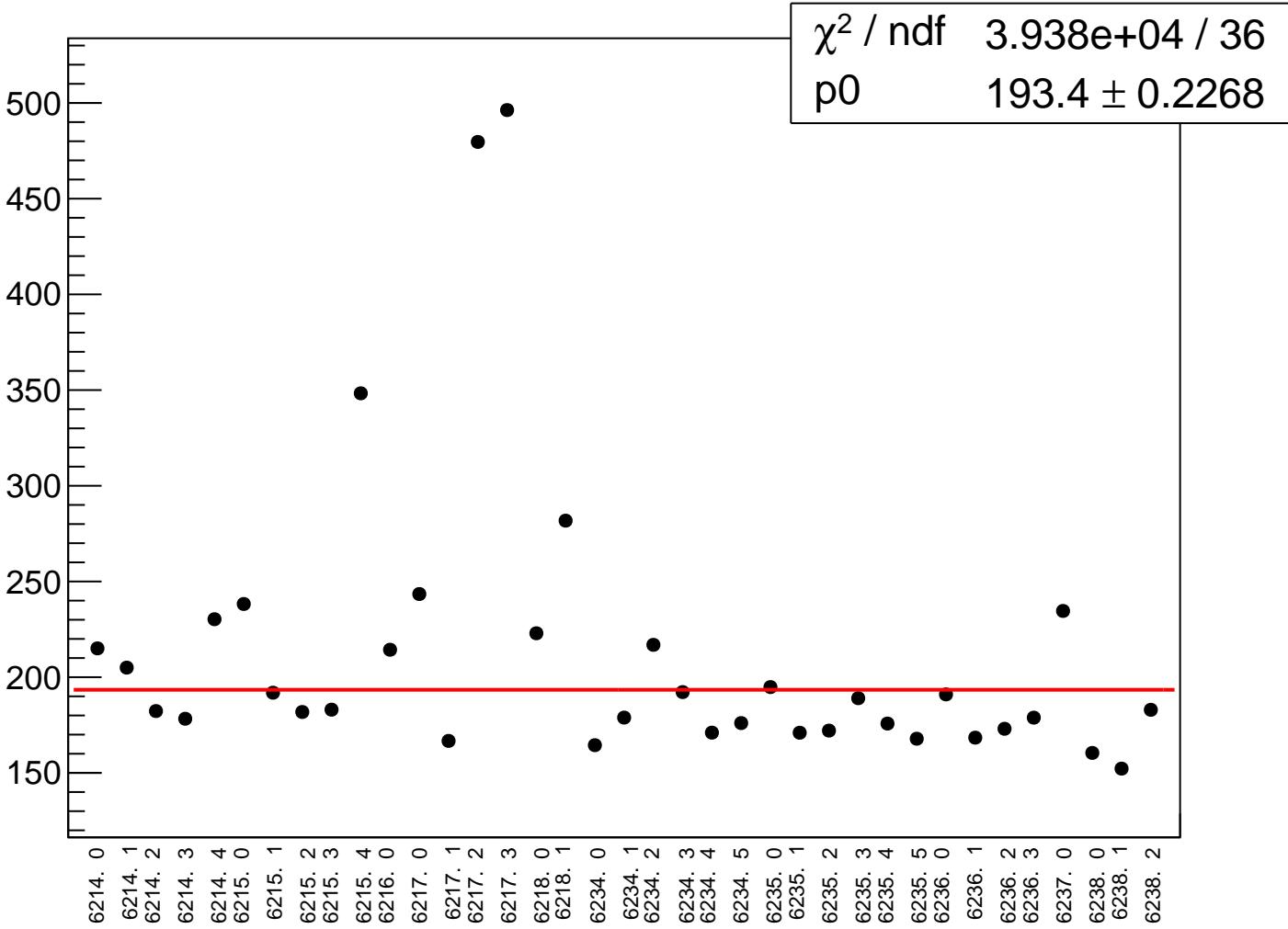


yield_bpm0l04WS_mean vs run

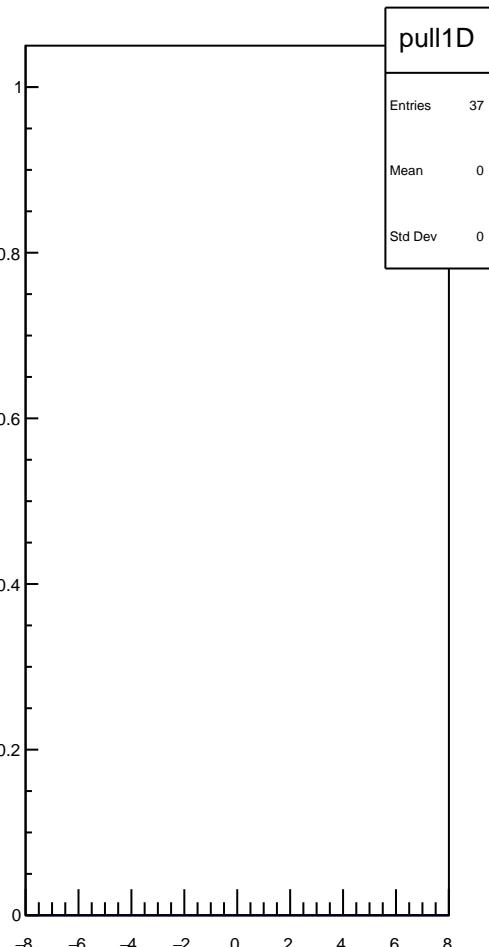
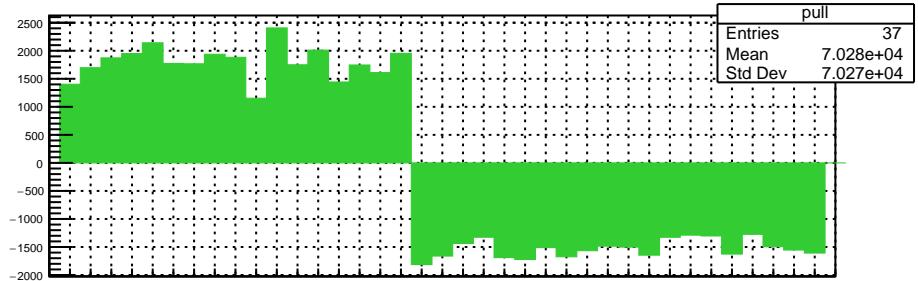
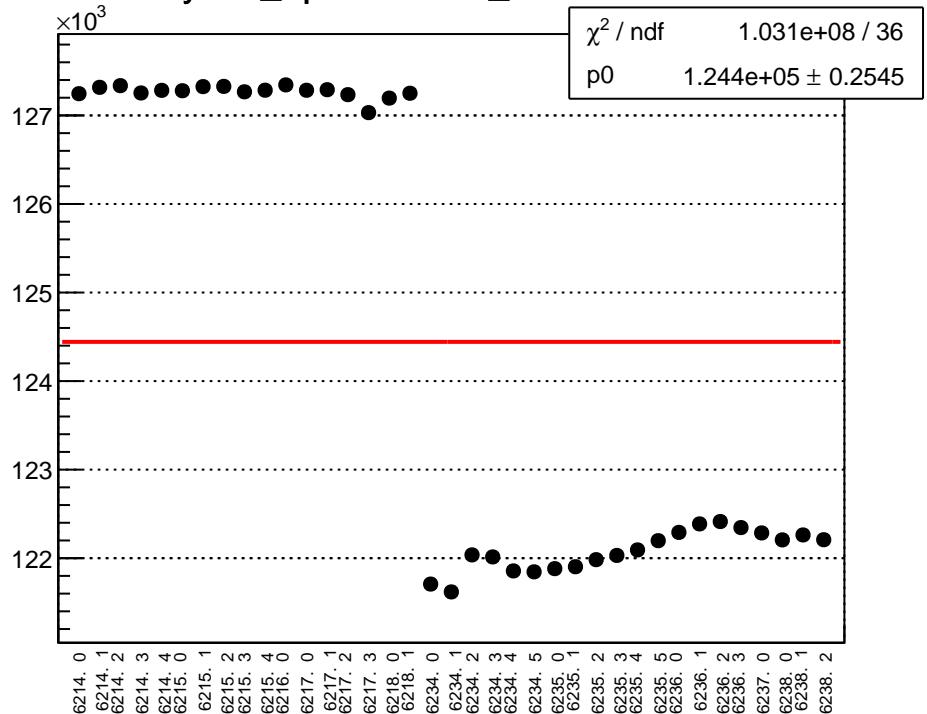


pull1D

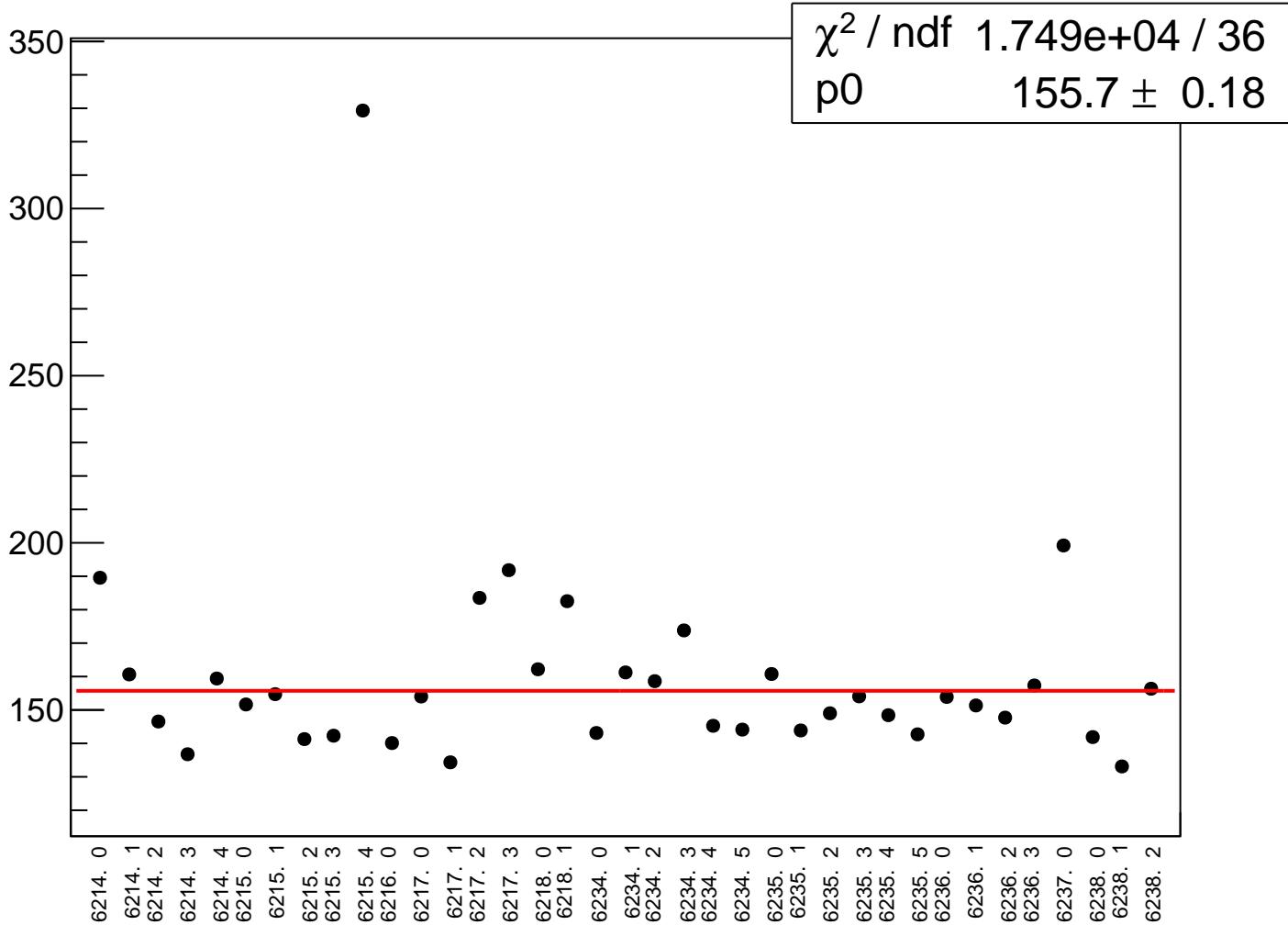
yield_bpm0l04WS_rms vs run



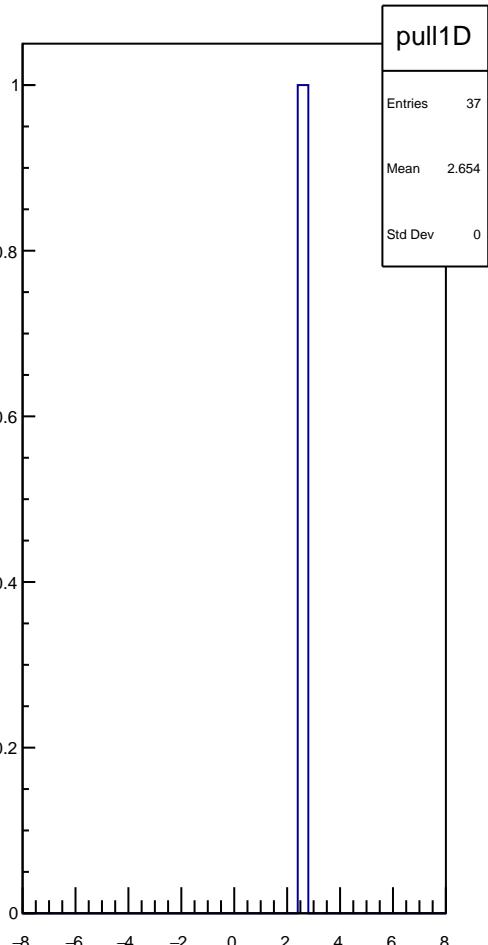
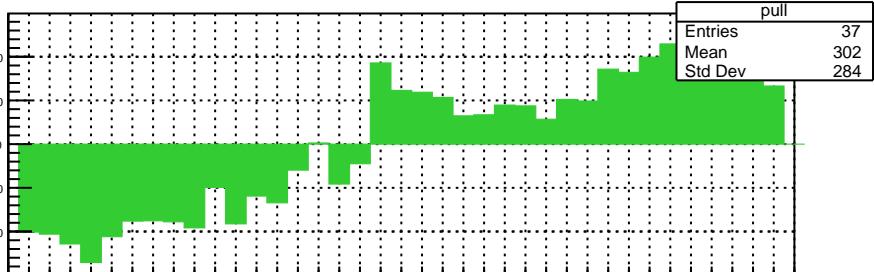
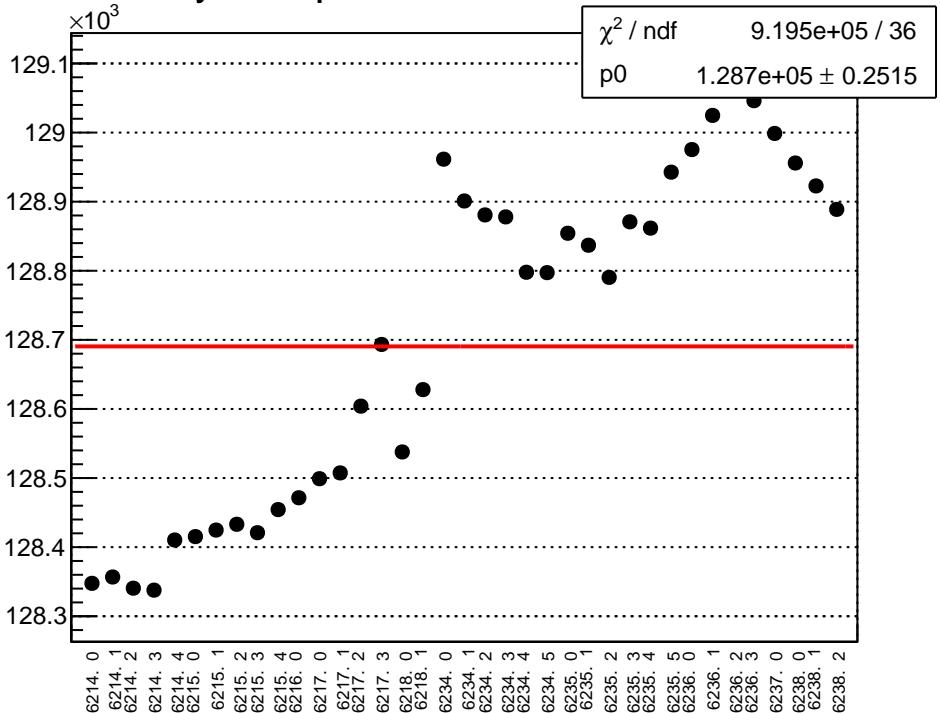
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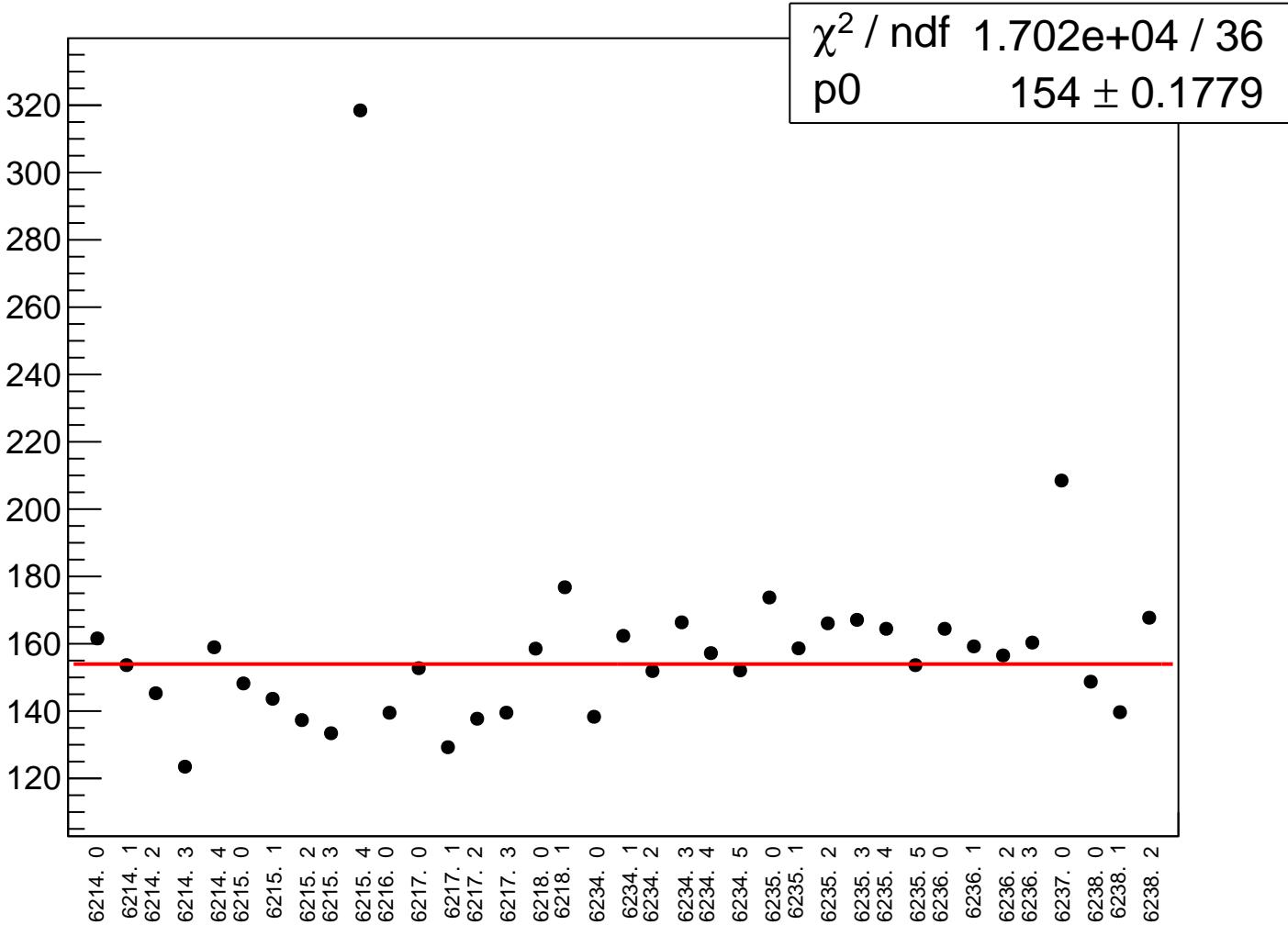
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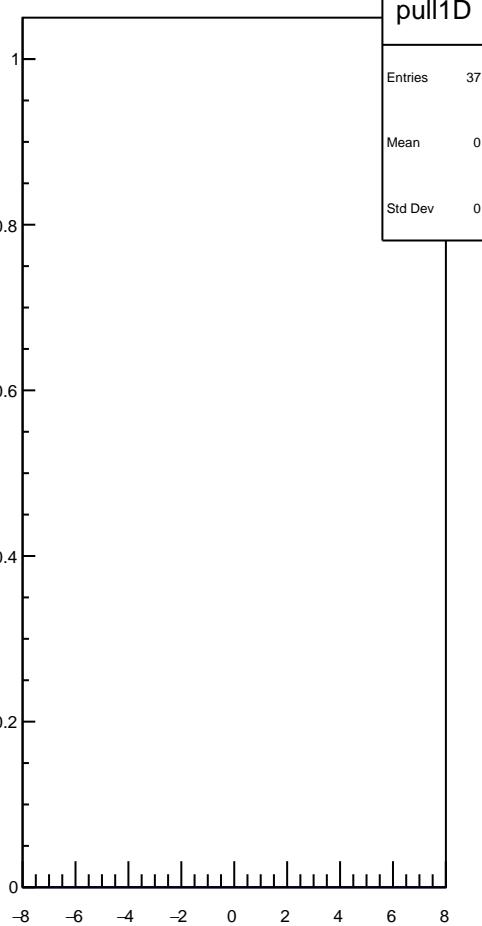
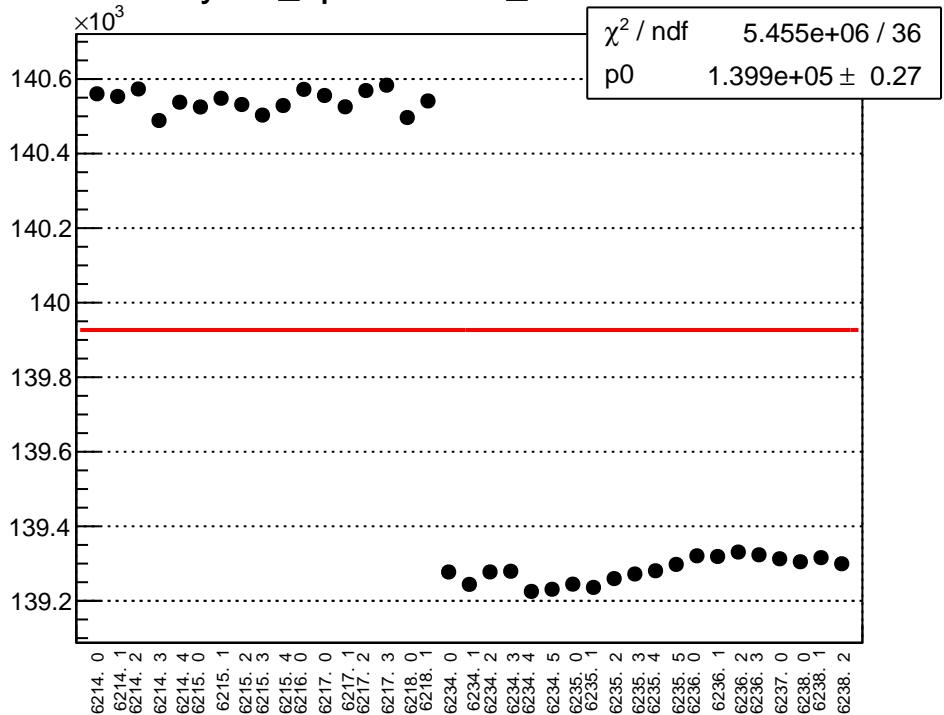
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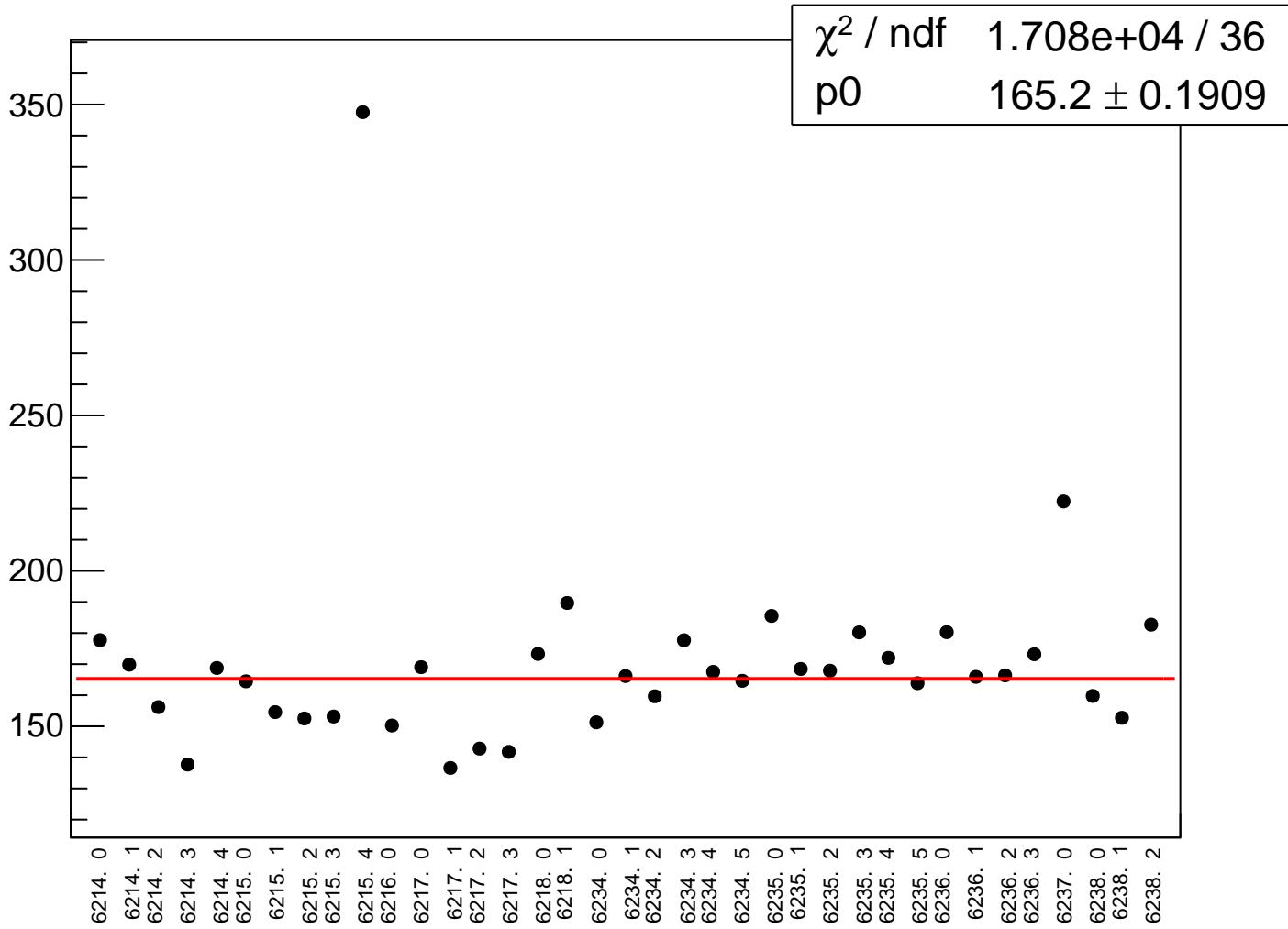
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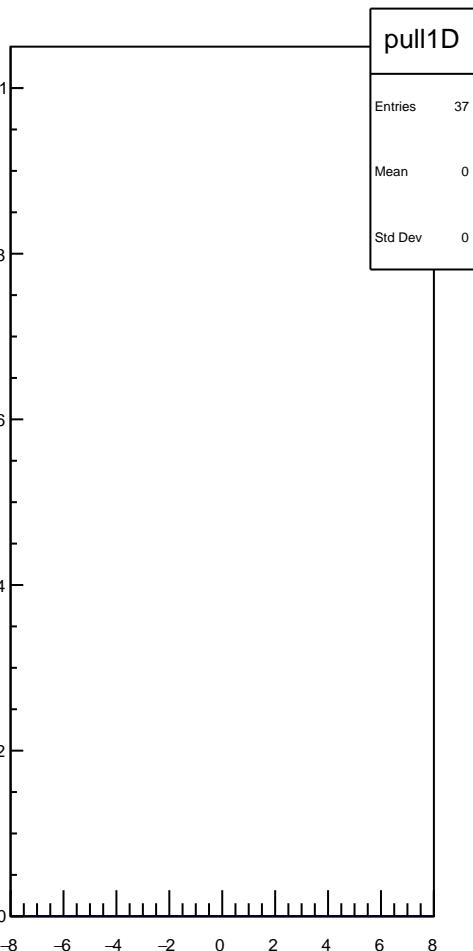
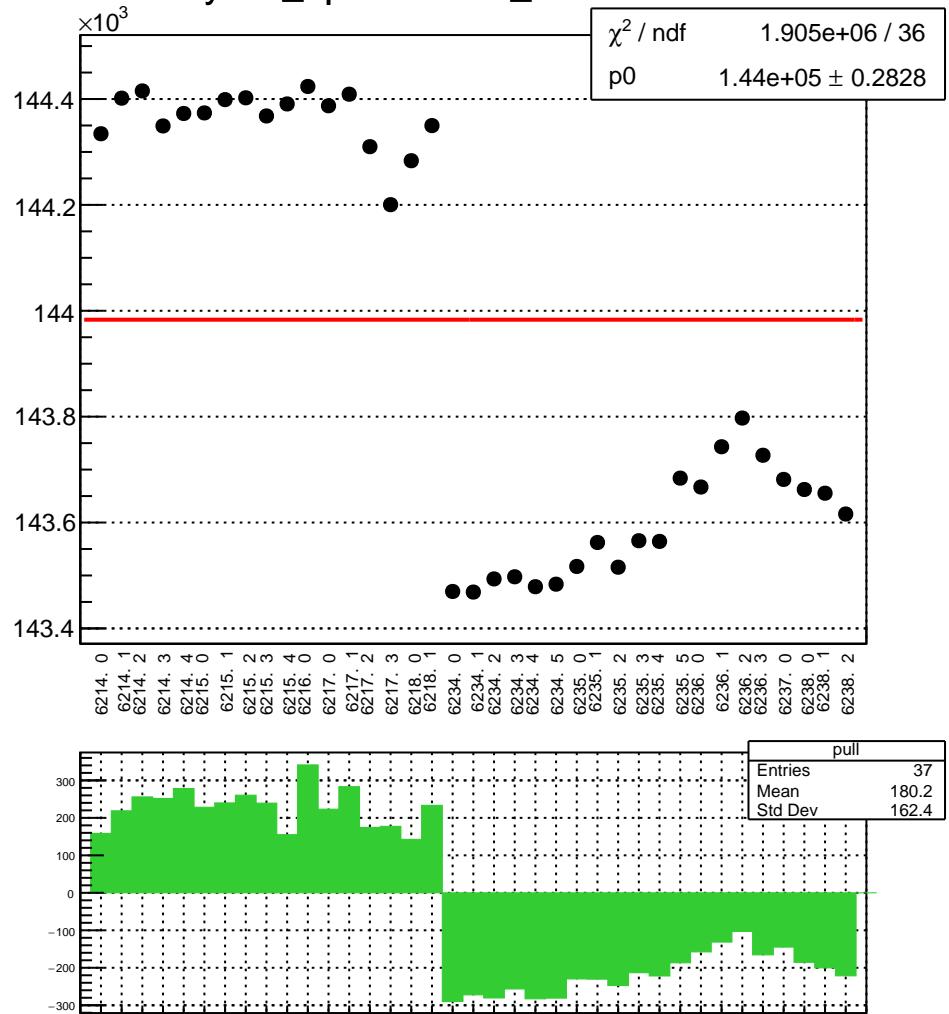
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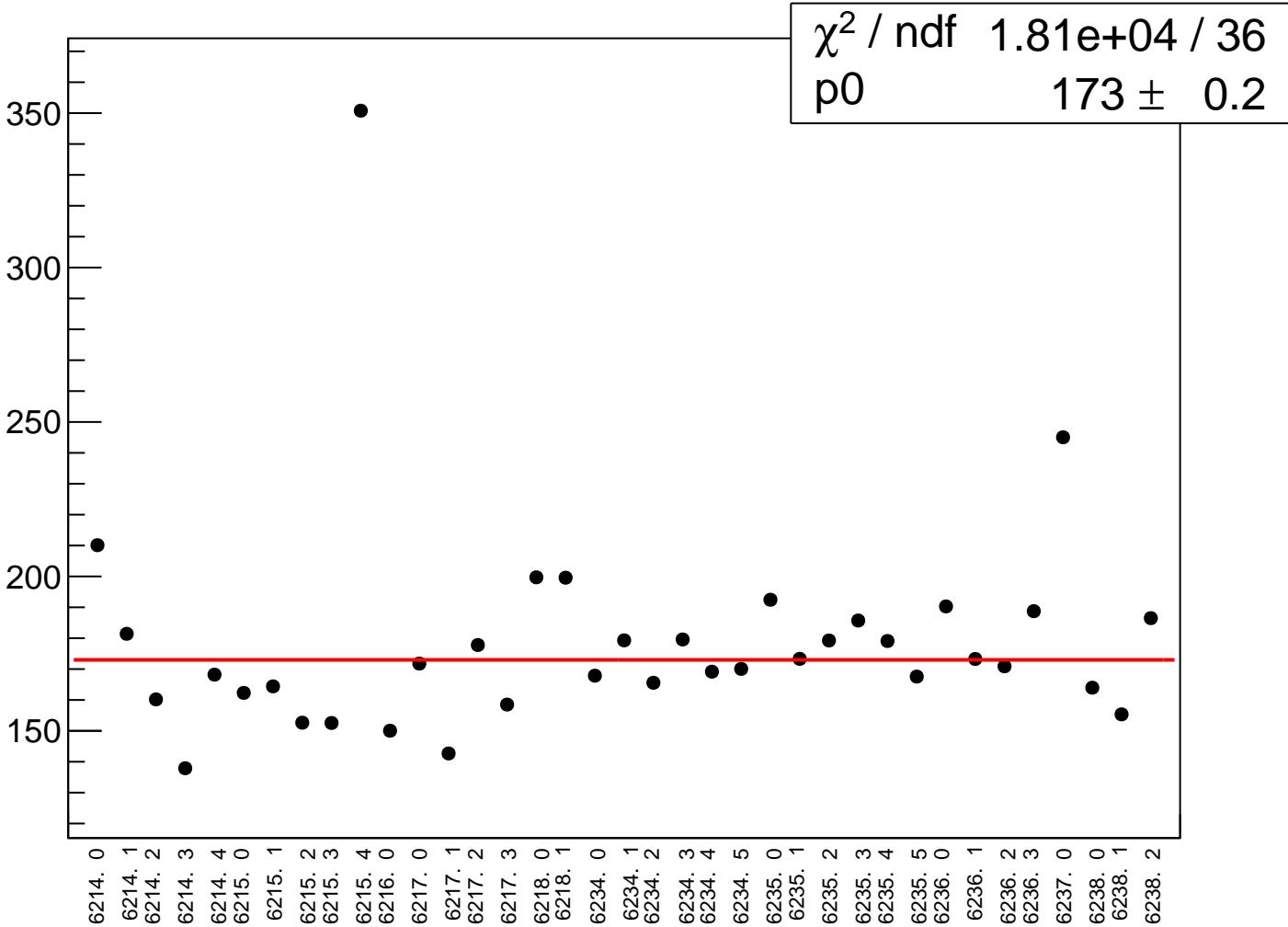
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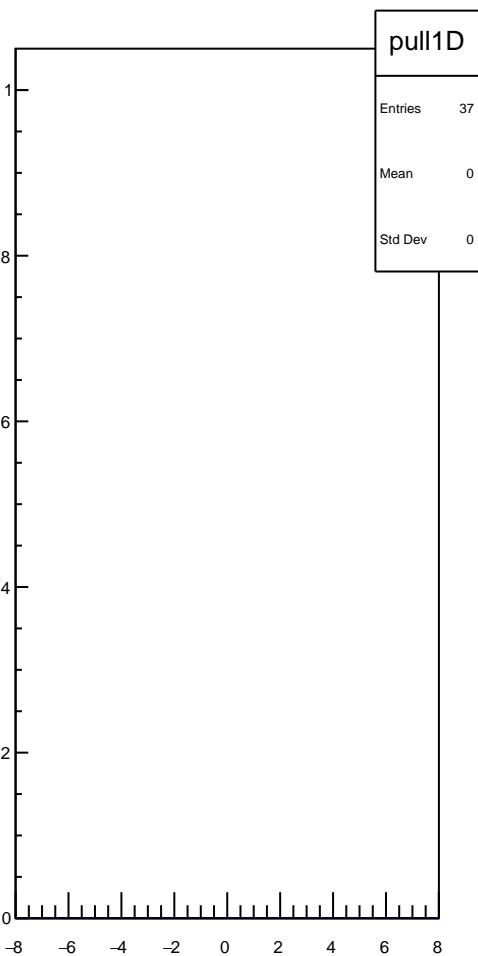
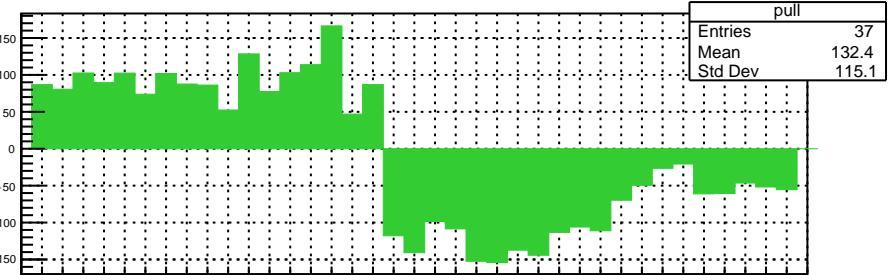
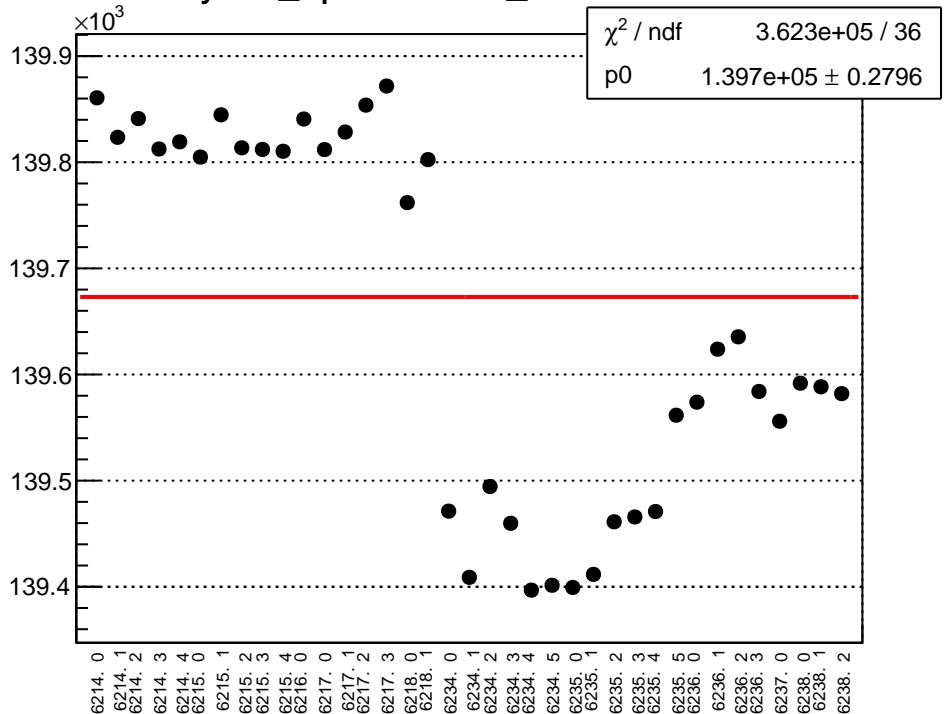
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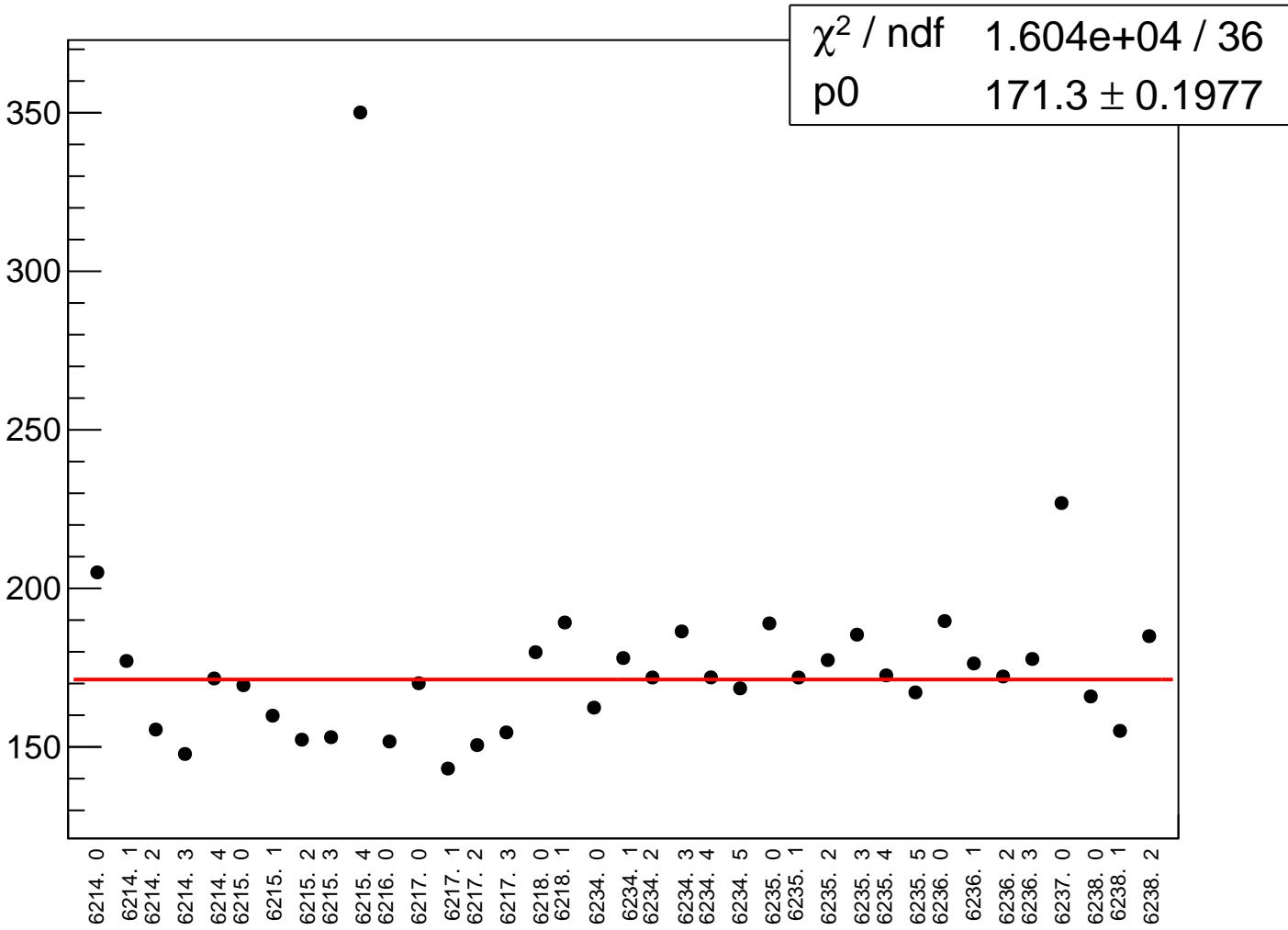
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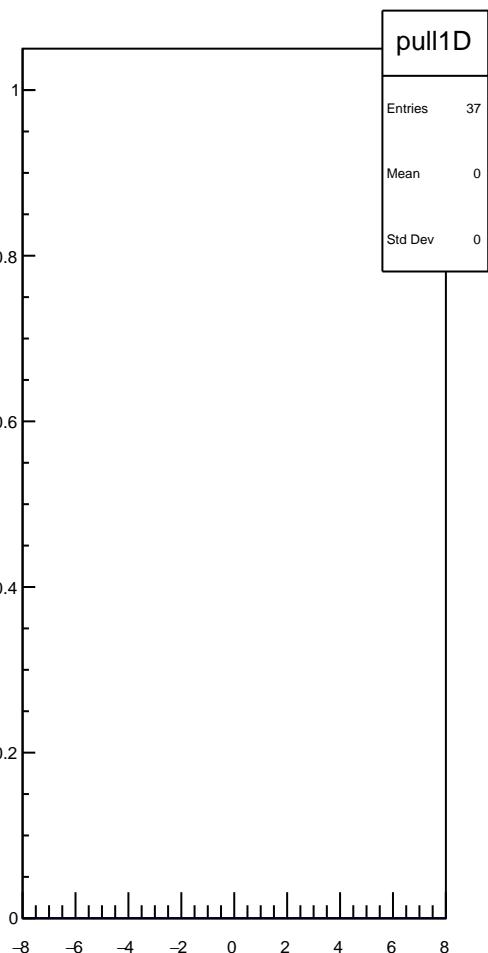
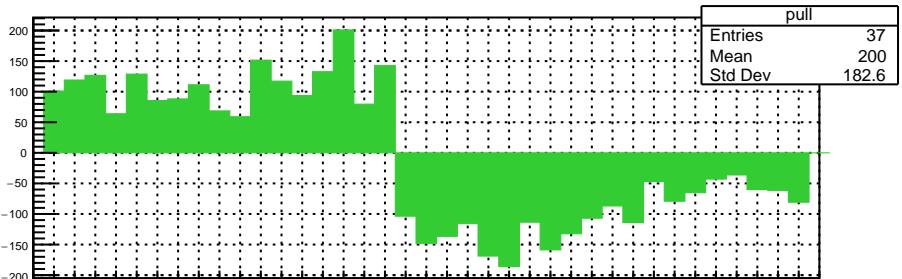
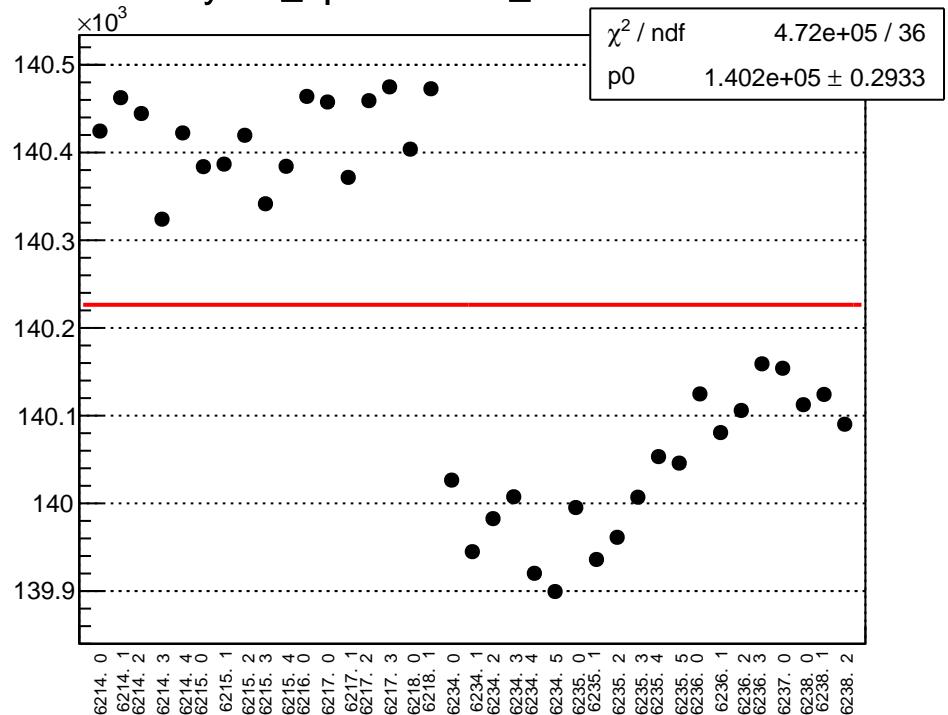
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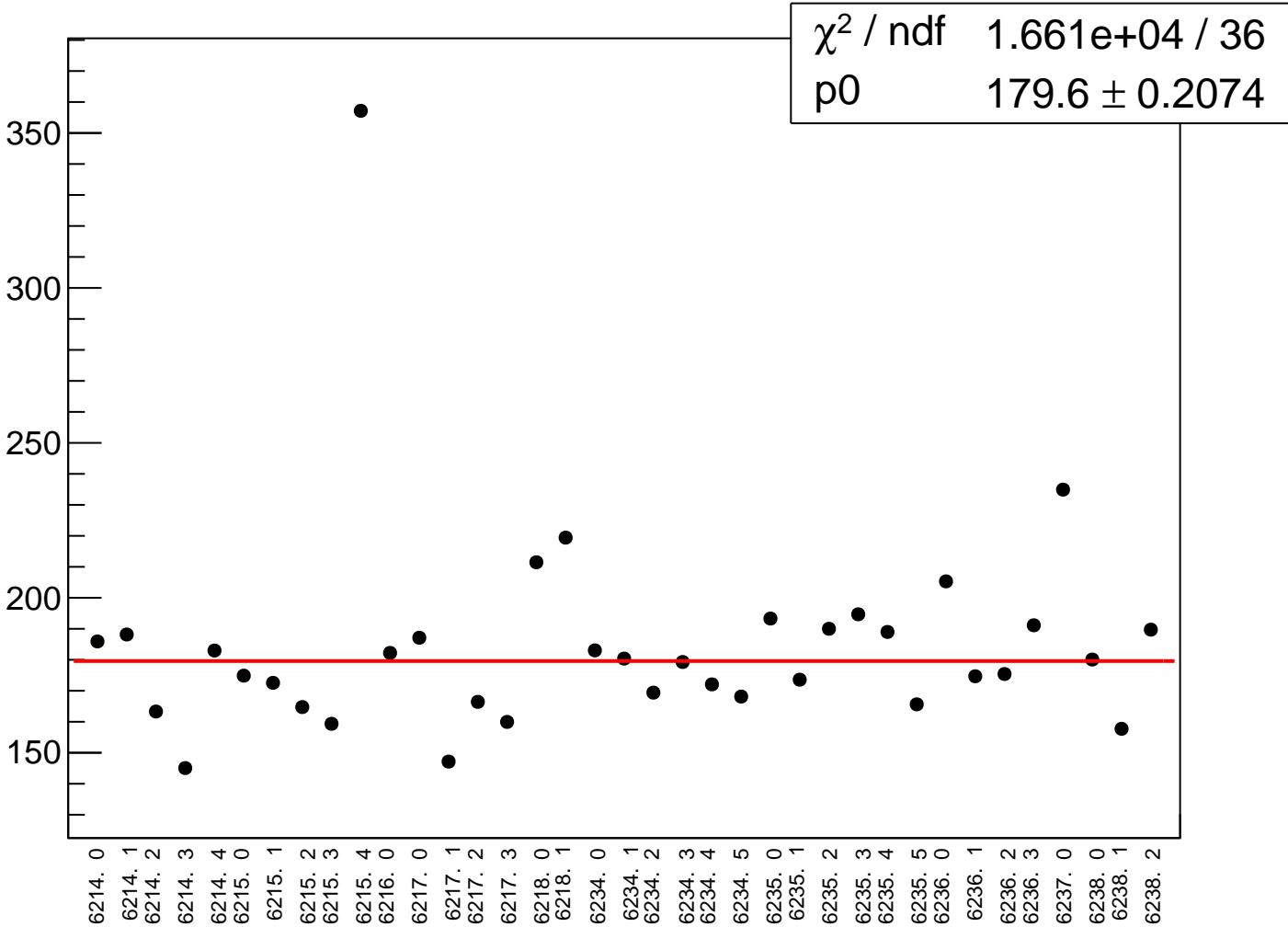
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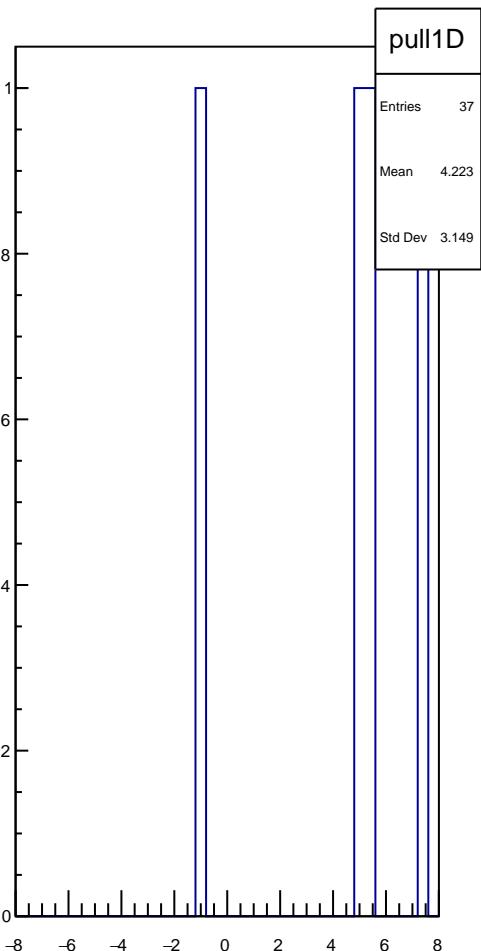
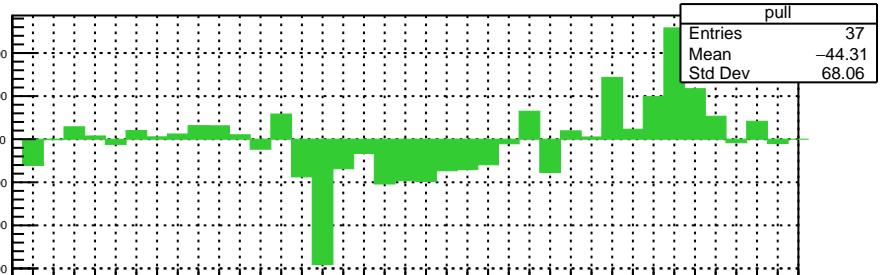
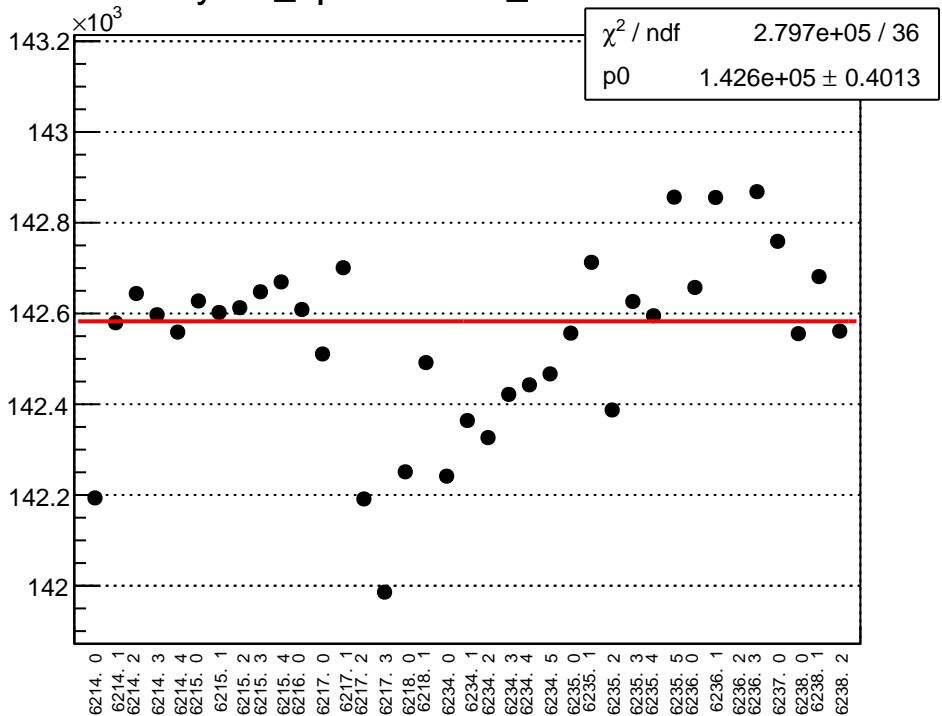
yield_bpm0l10WS_mean vs run



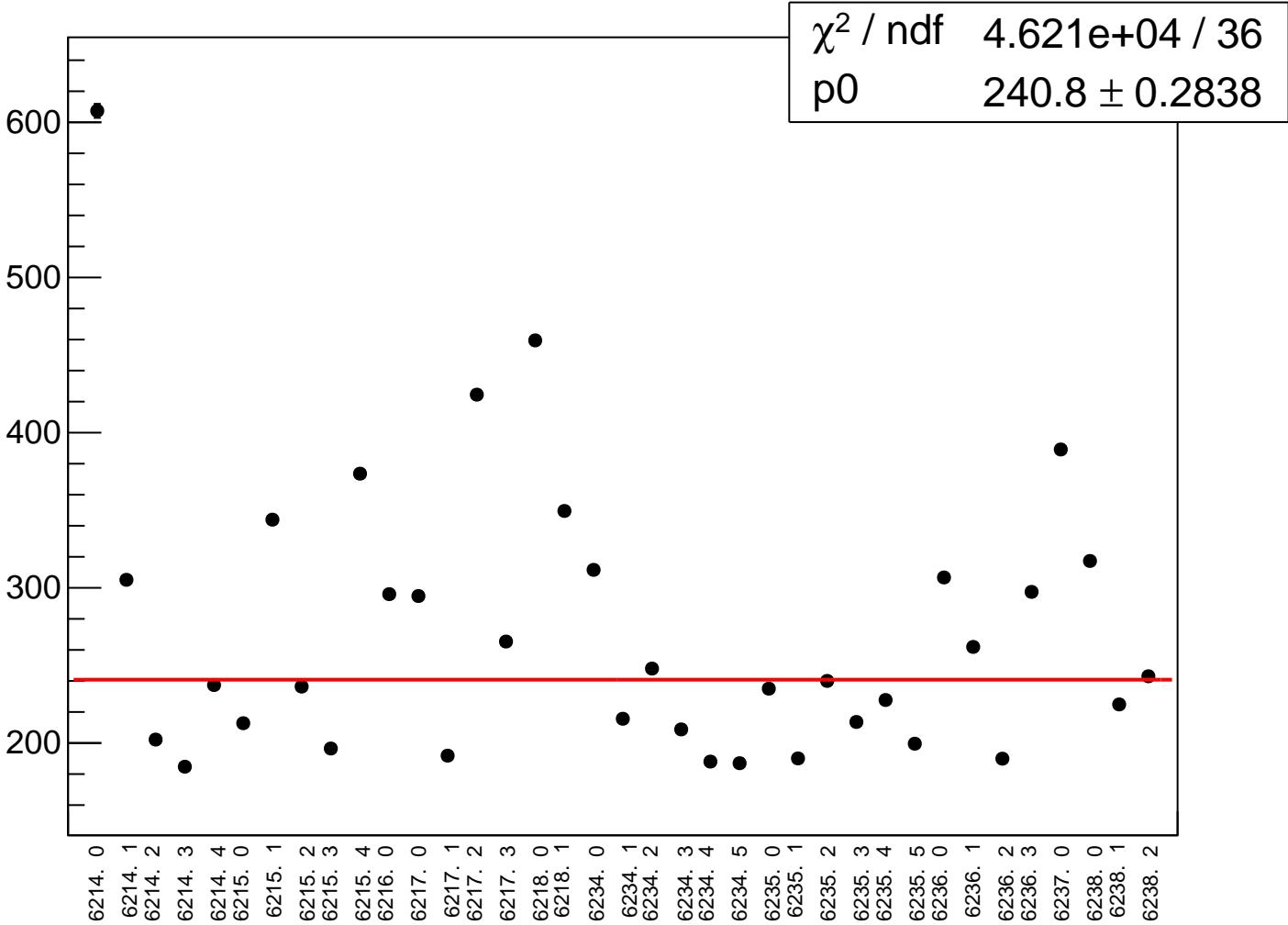
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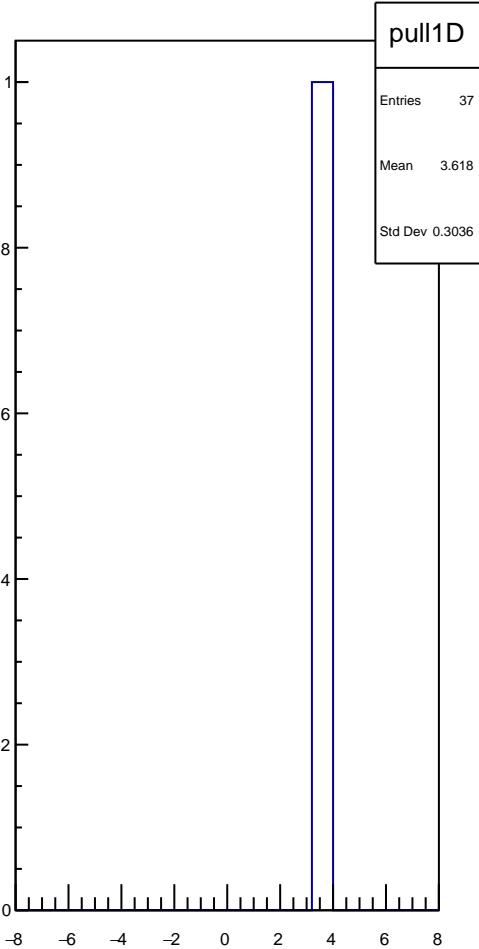
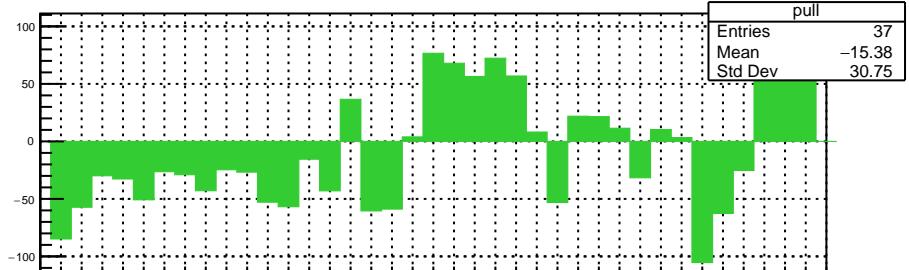
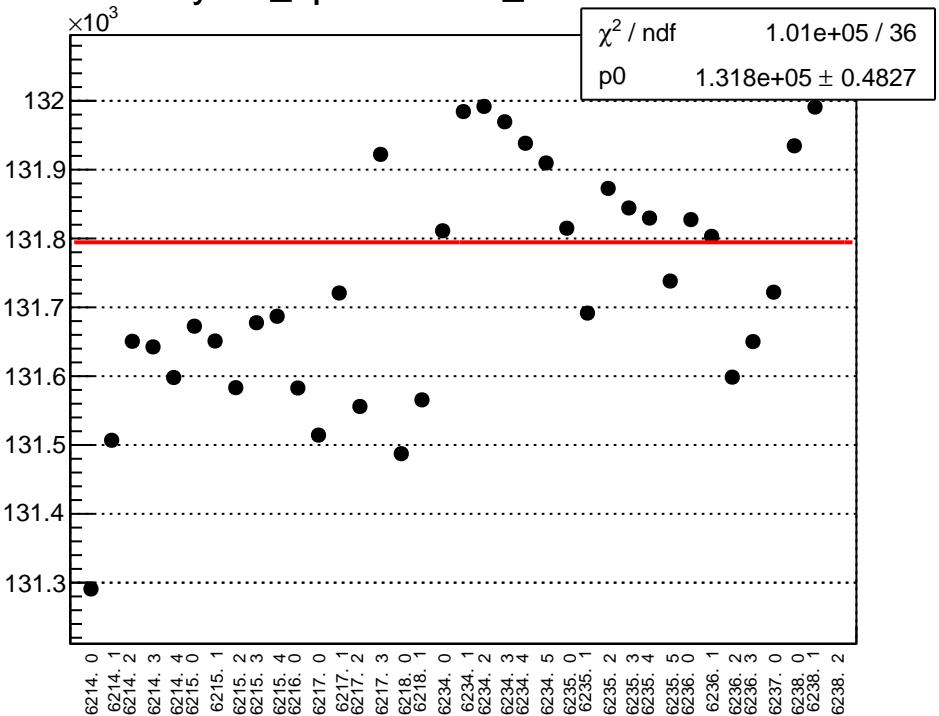
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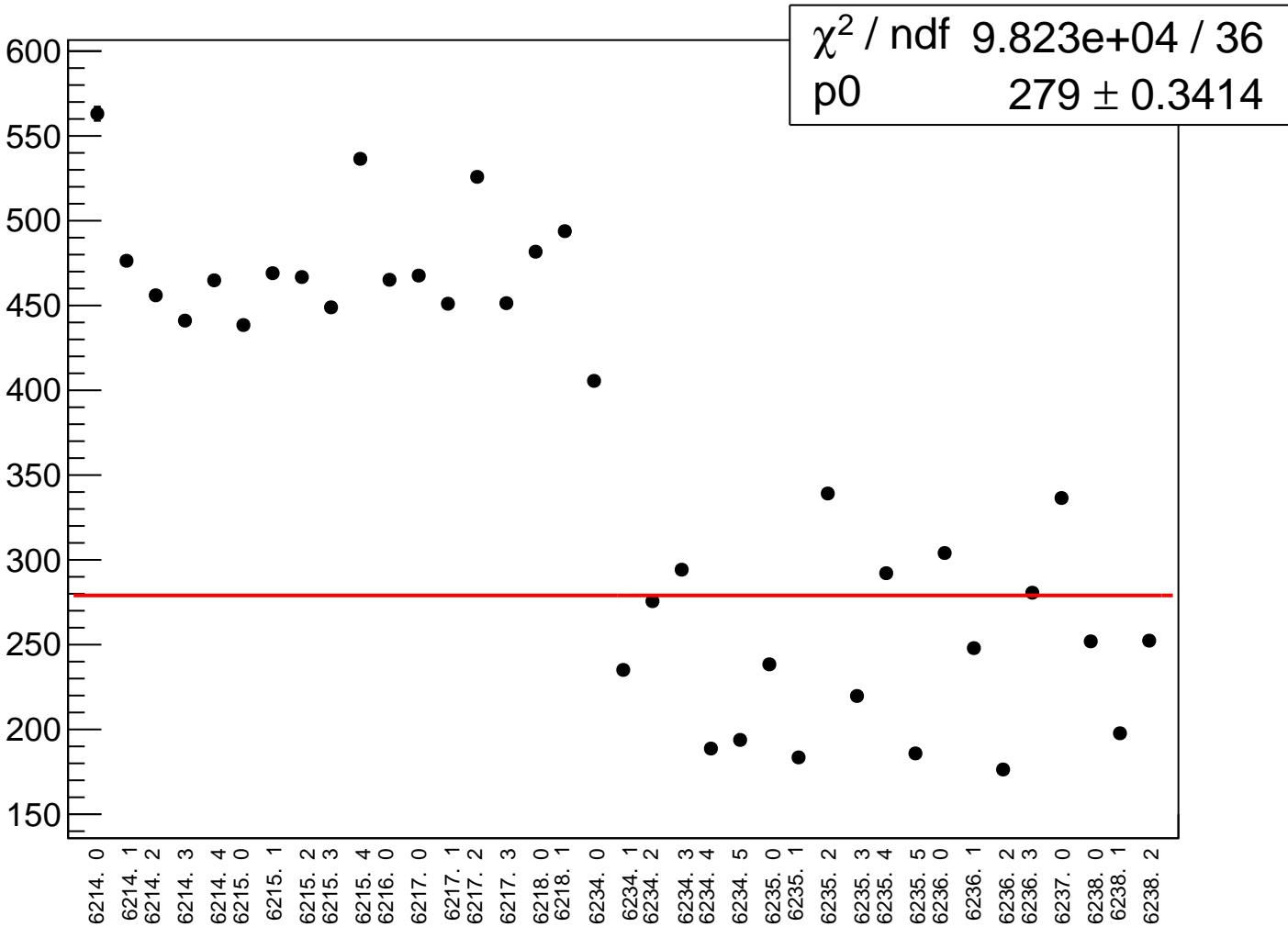
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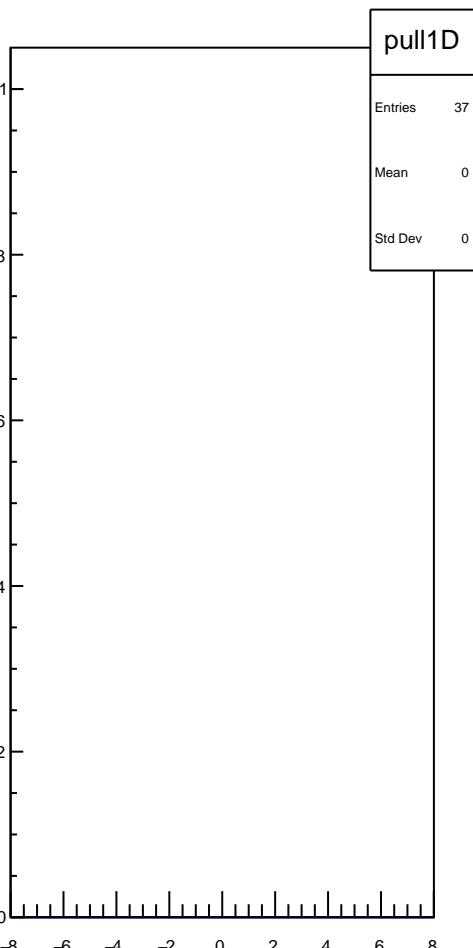
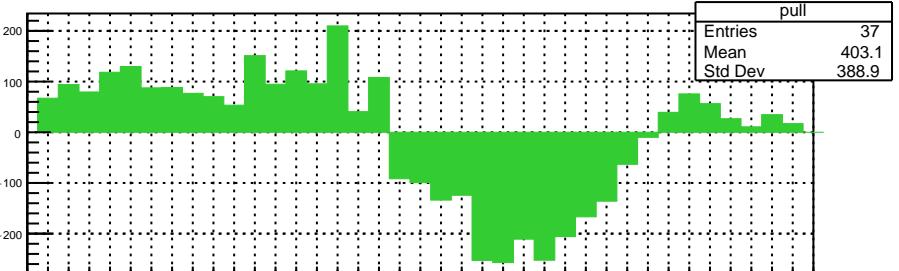
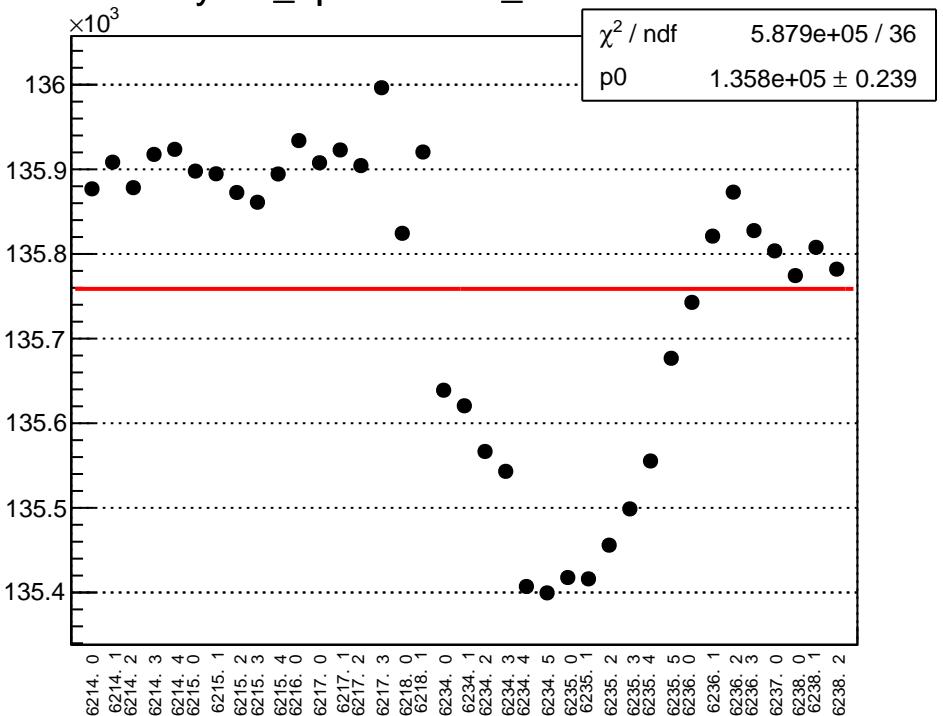
yield_bpm0r05WS_mean vs run



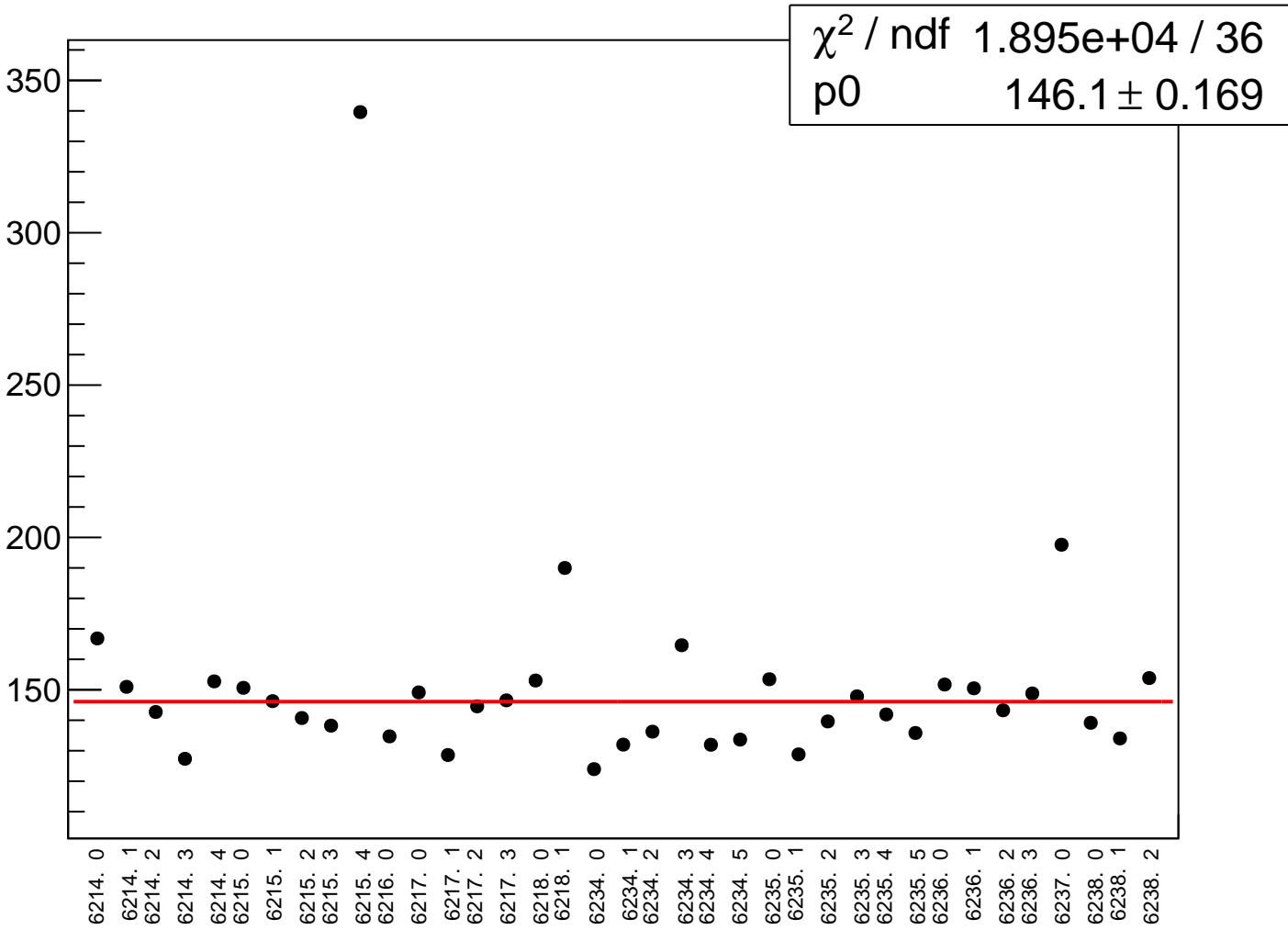
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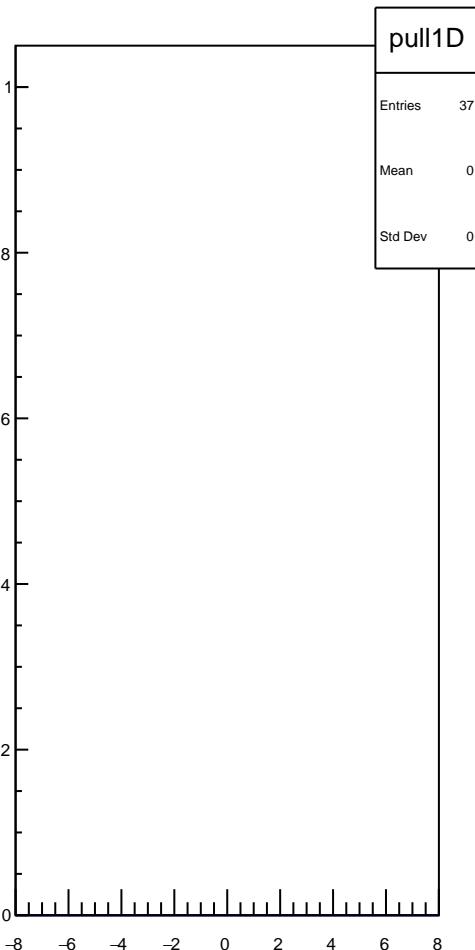
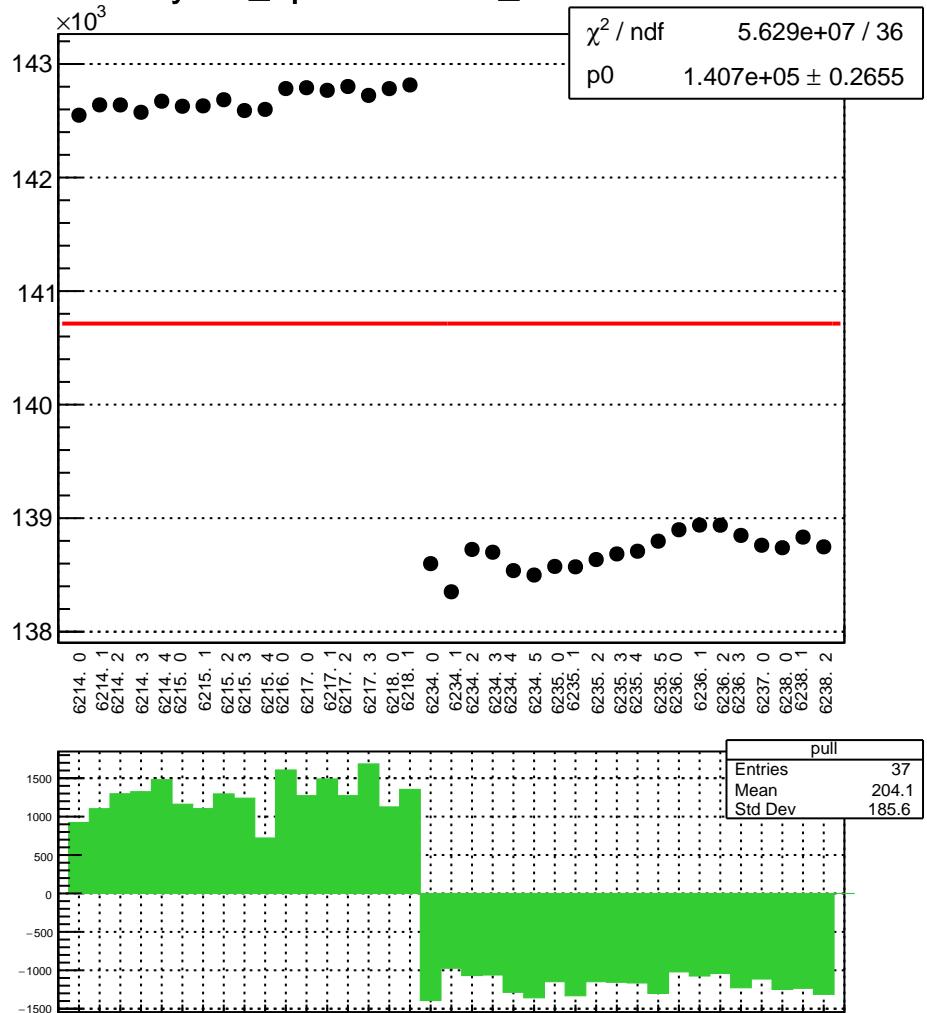
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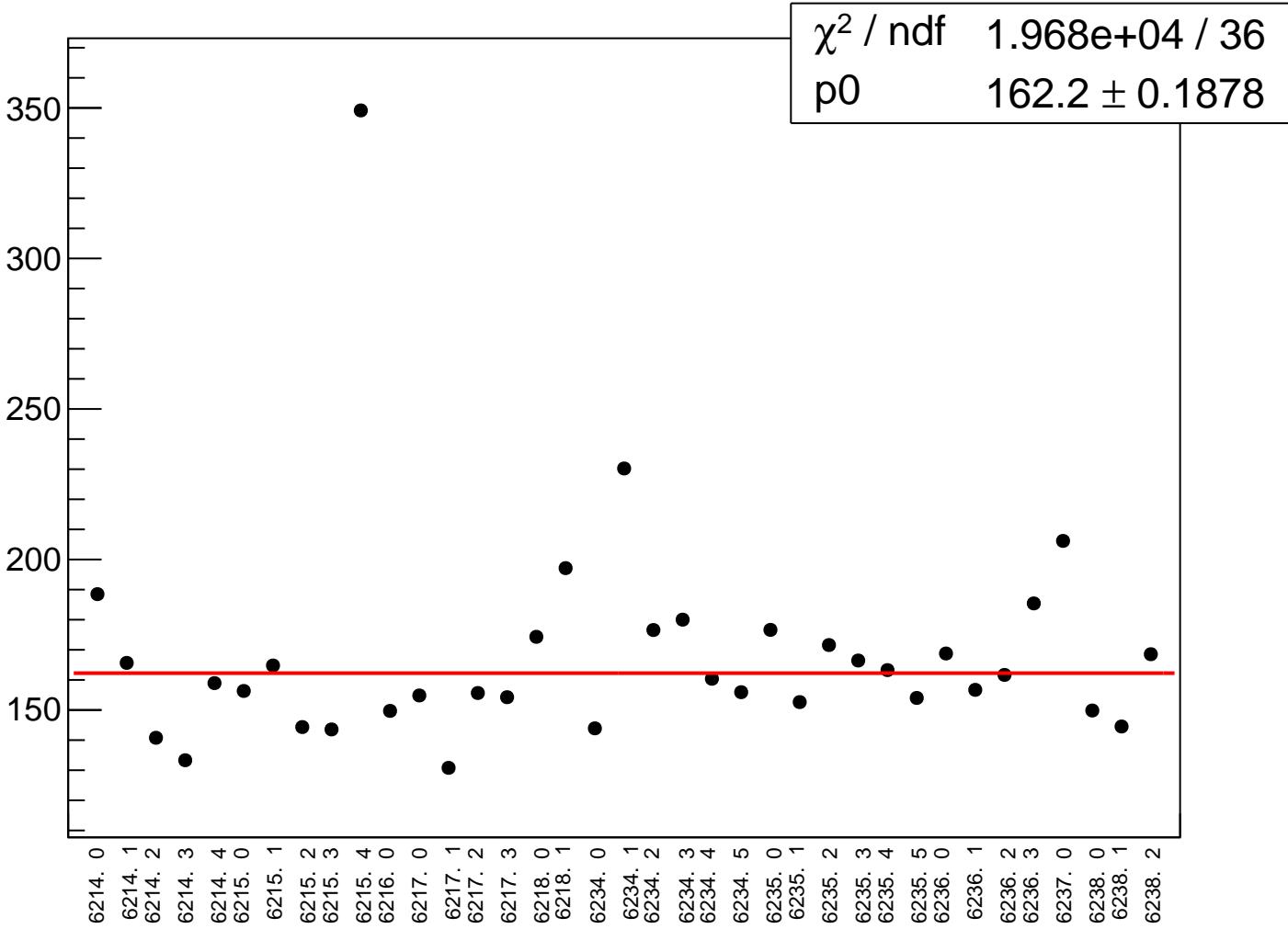
yield_bpm0i02WS_rms vs run



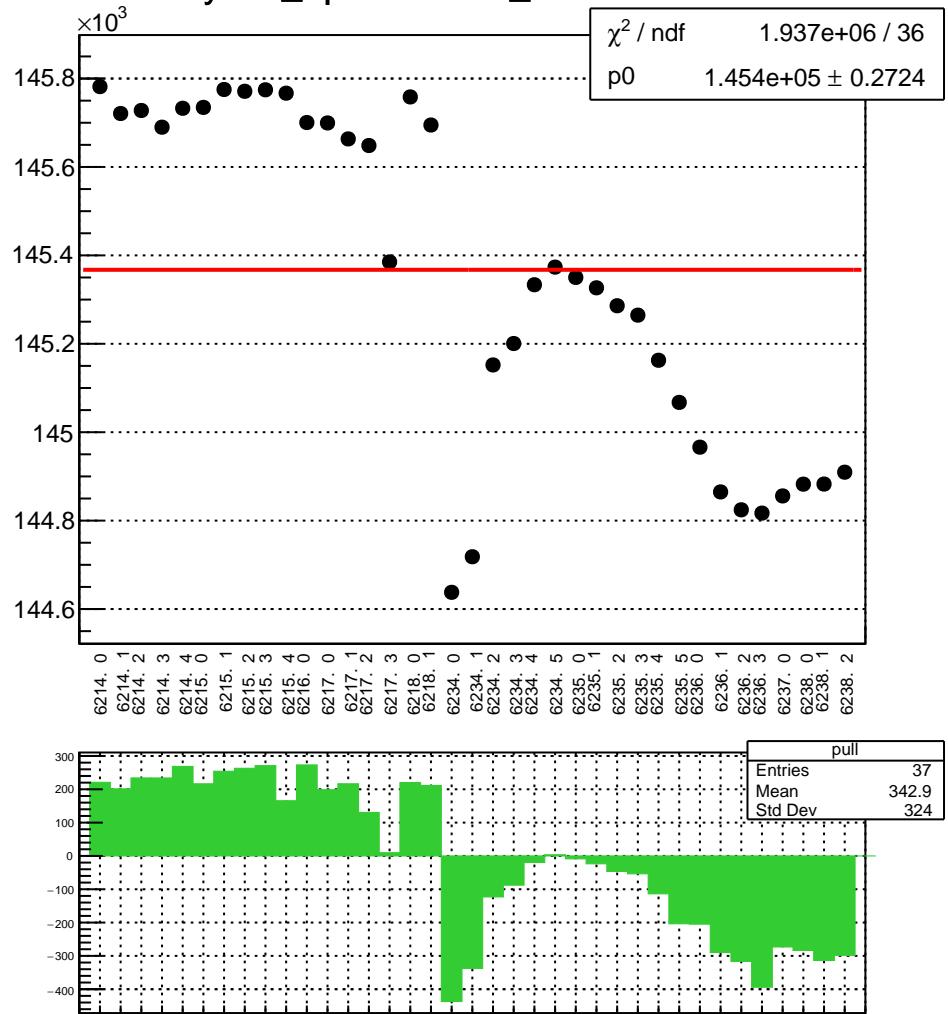
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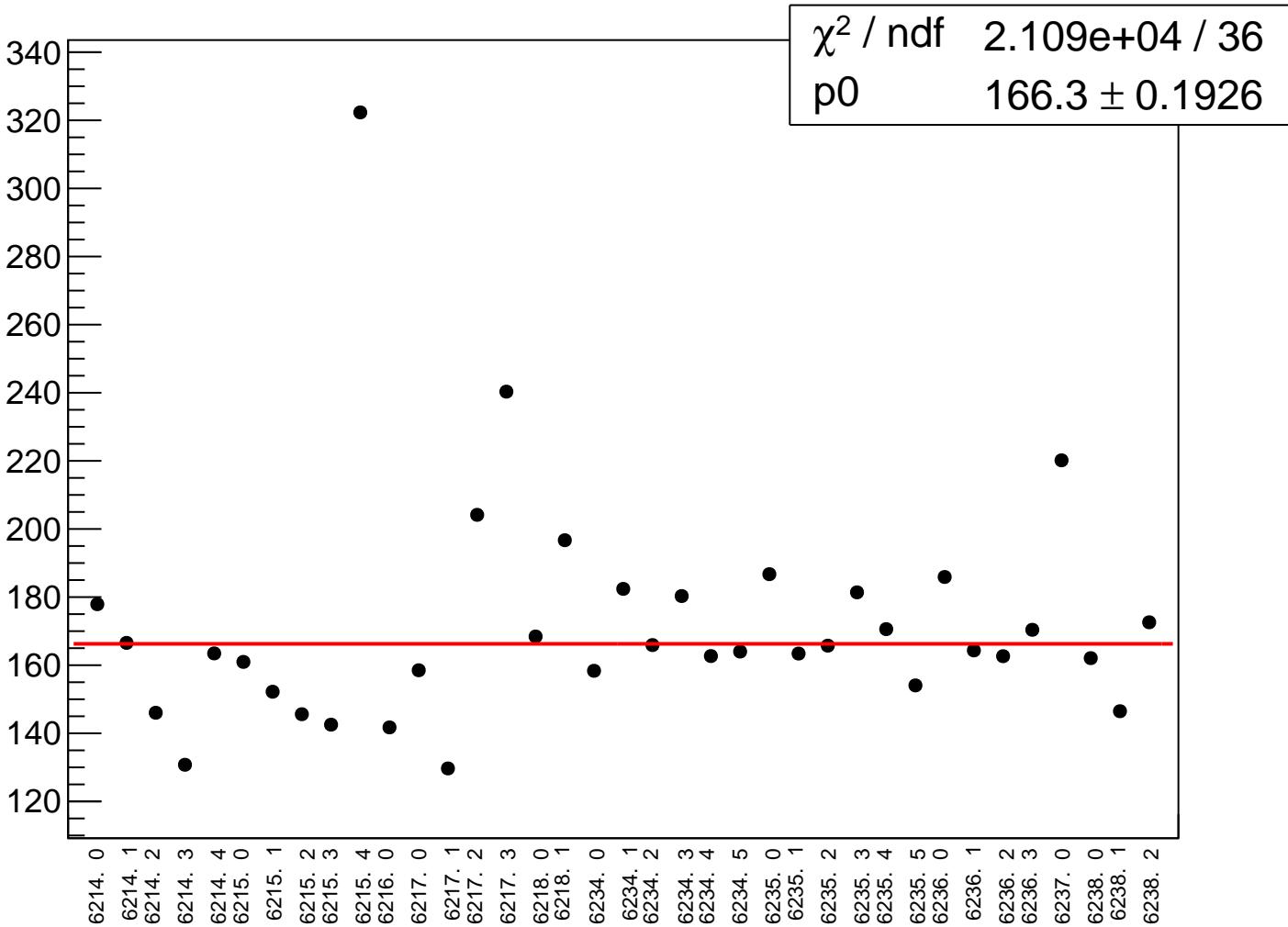
yield_bpm0i02aWS_rms vs run



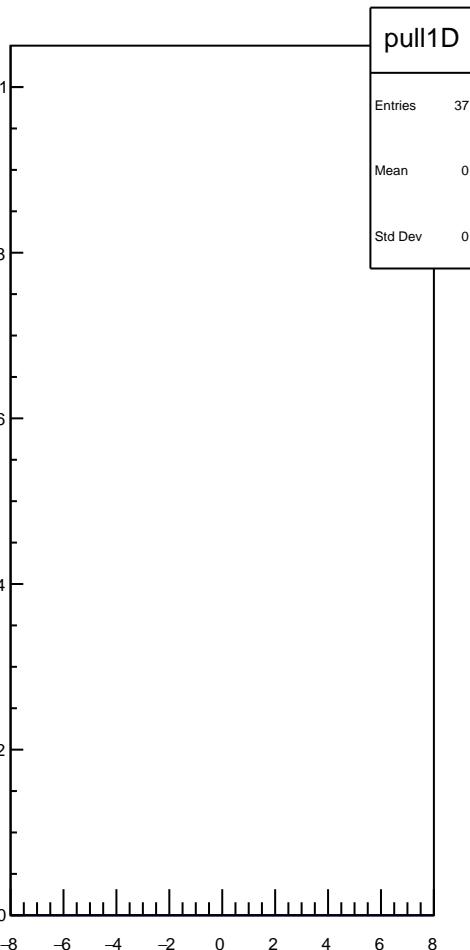
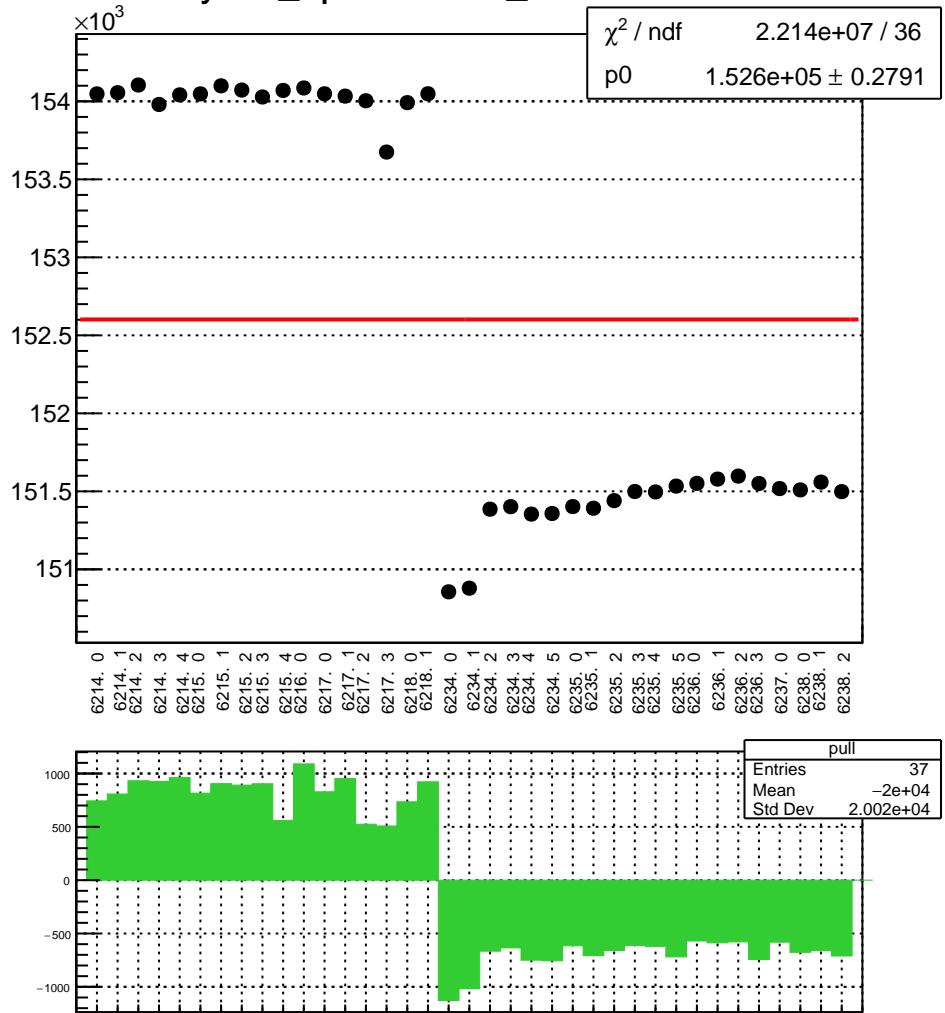
yield_bpm0i05WS_mean vs run



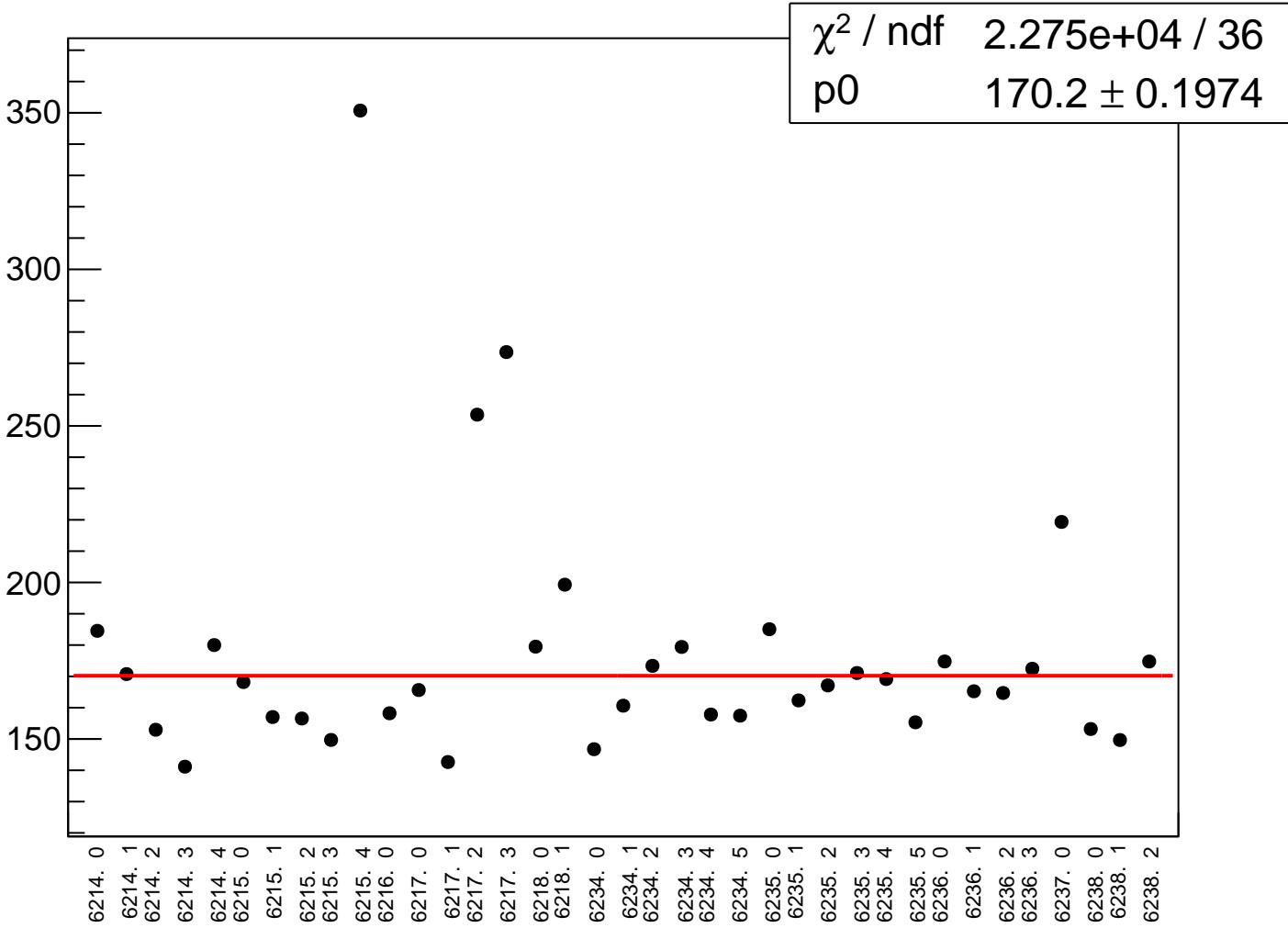
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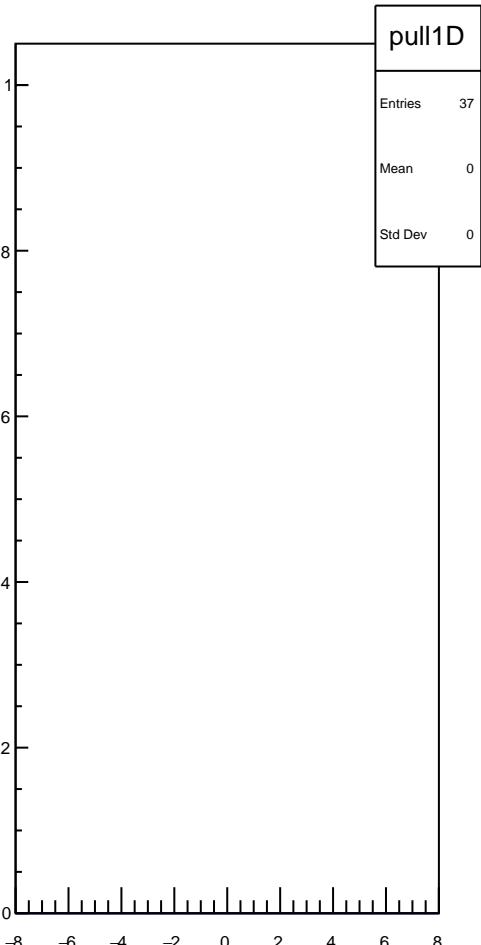
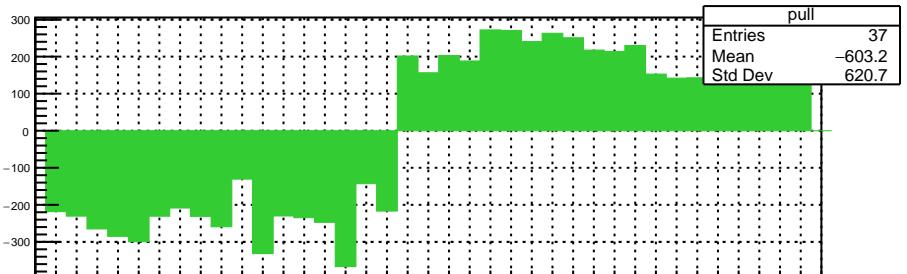
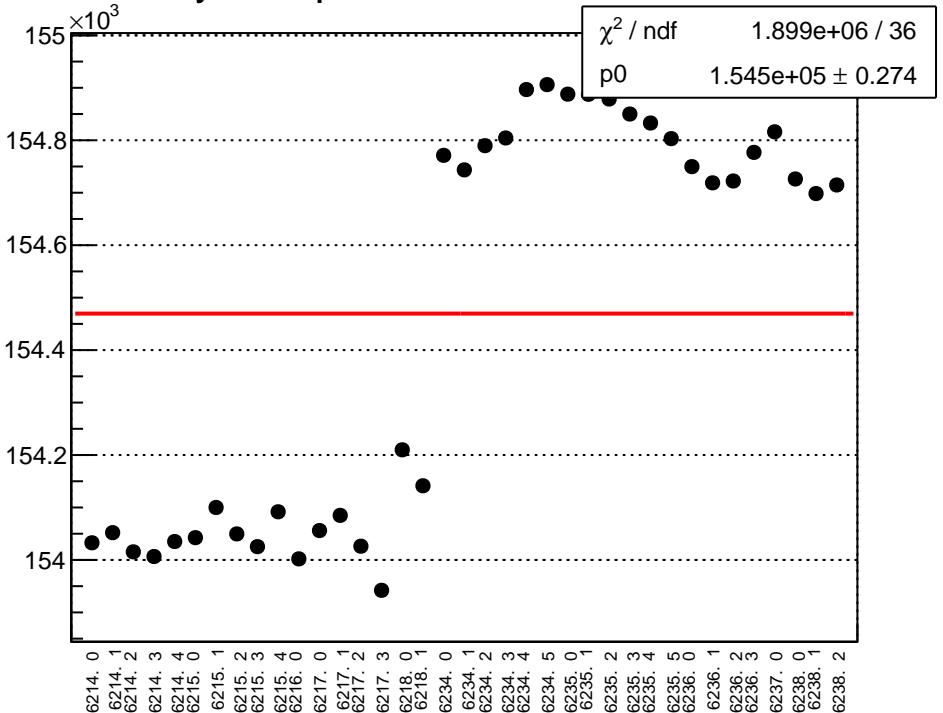
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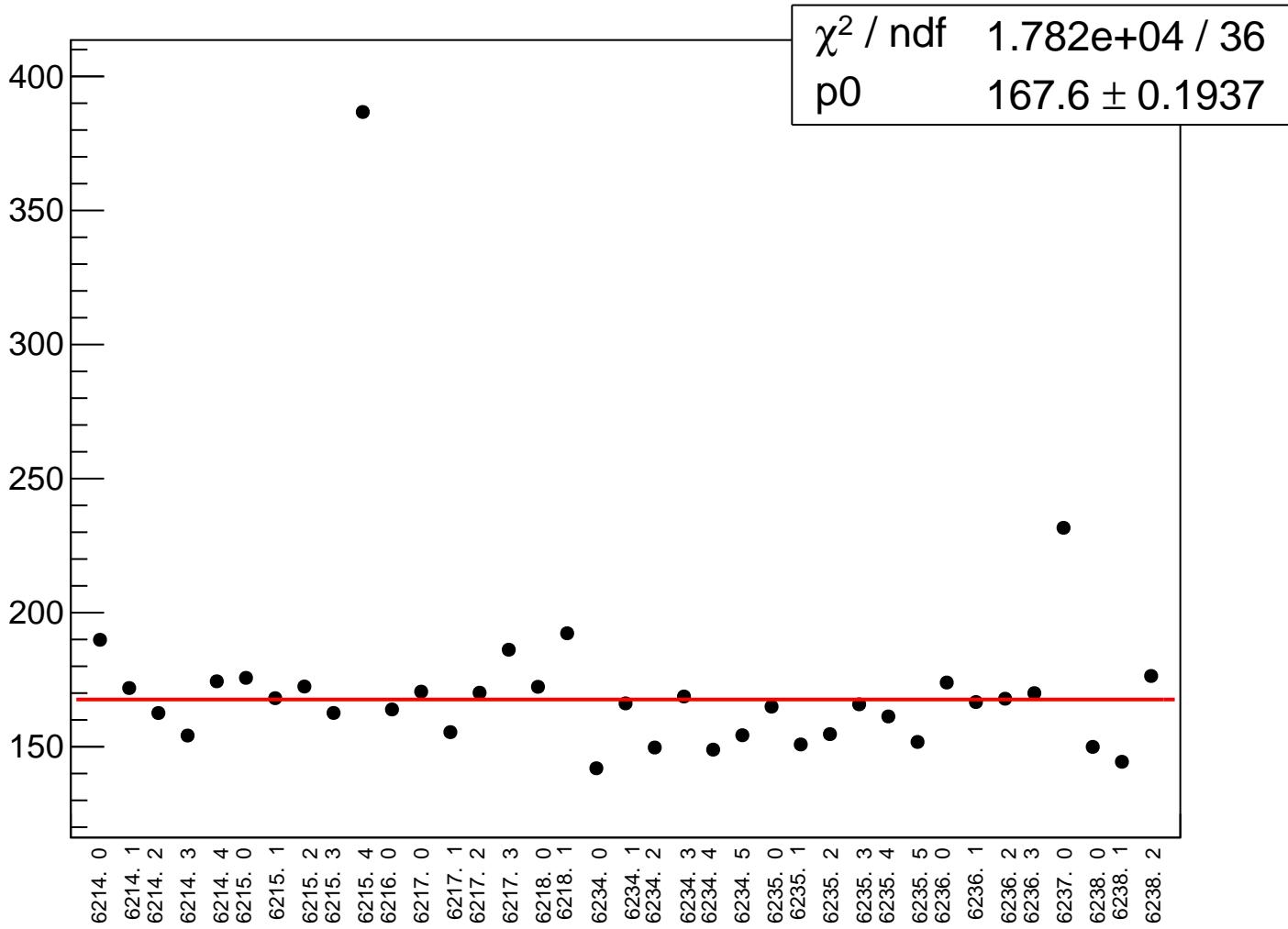
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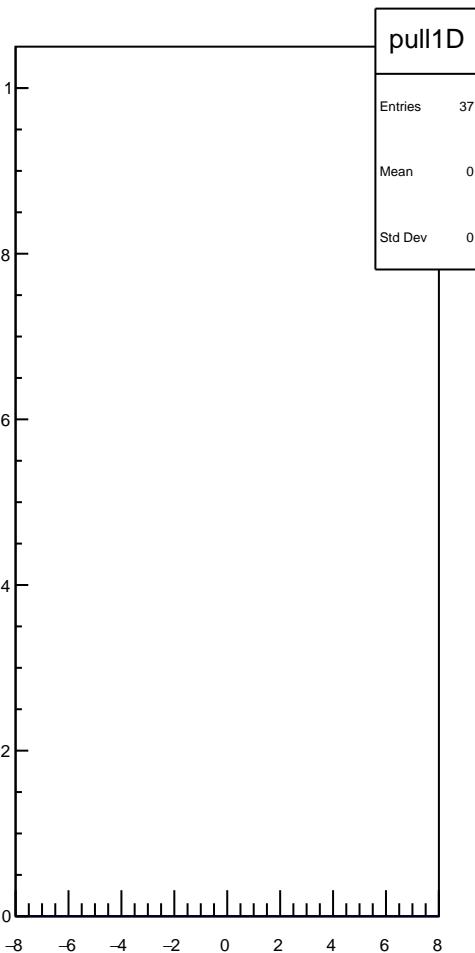
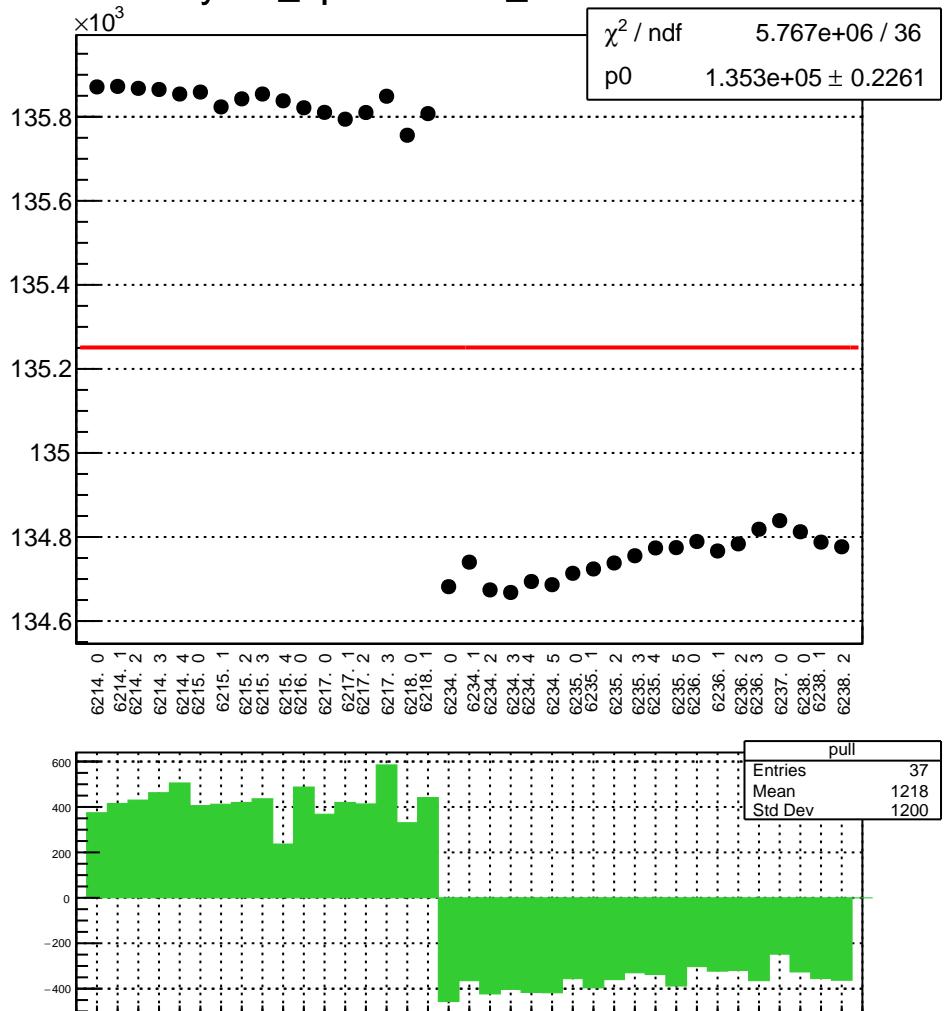
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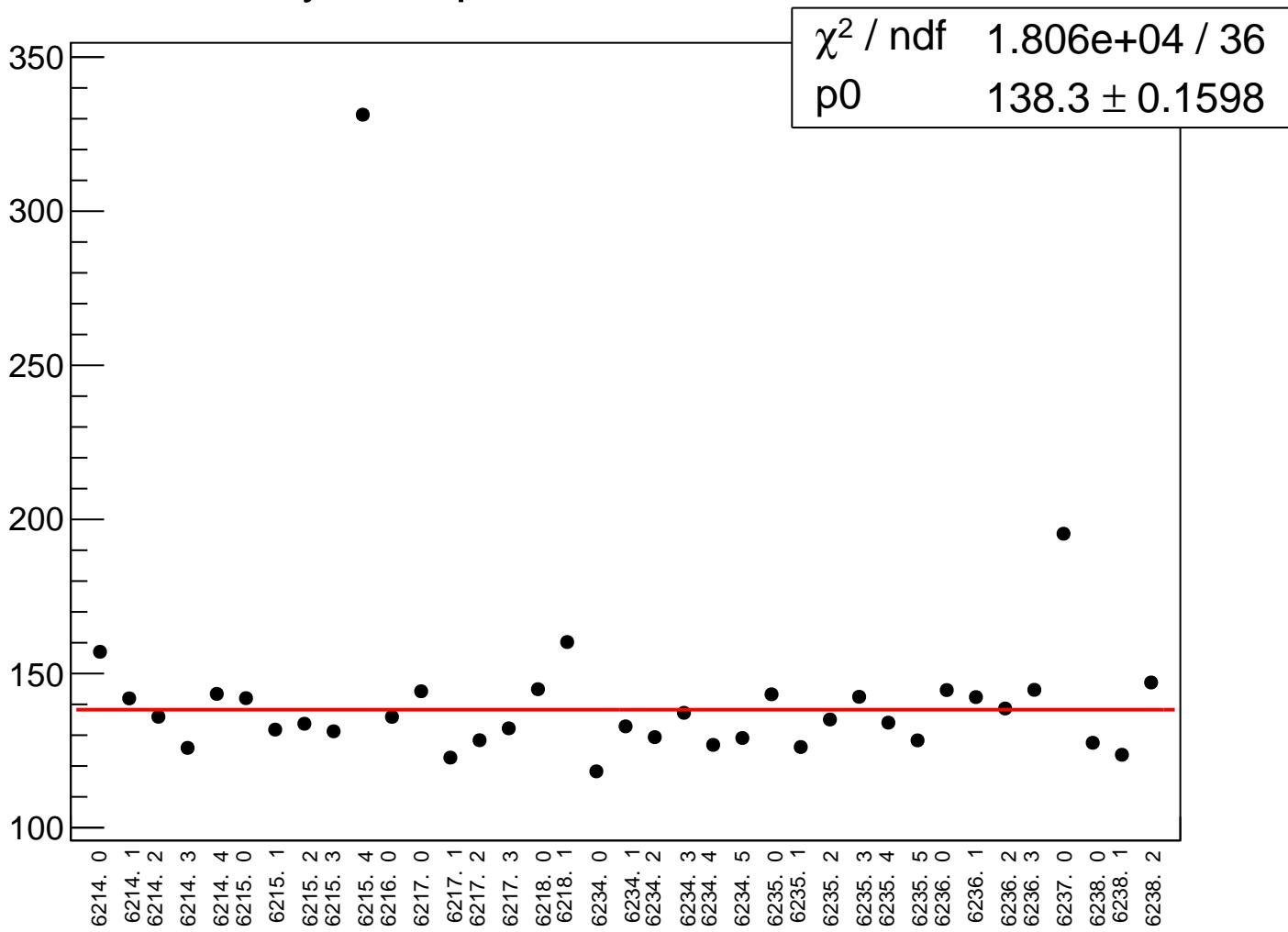
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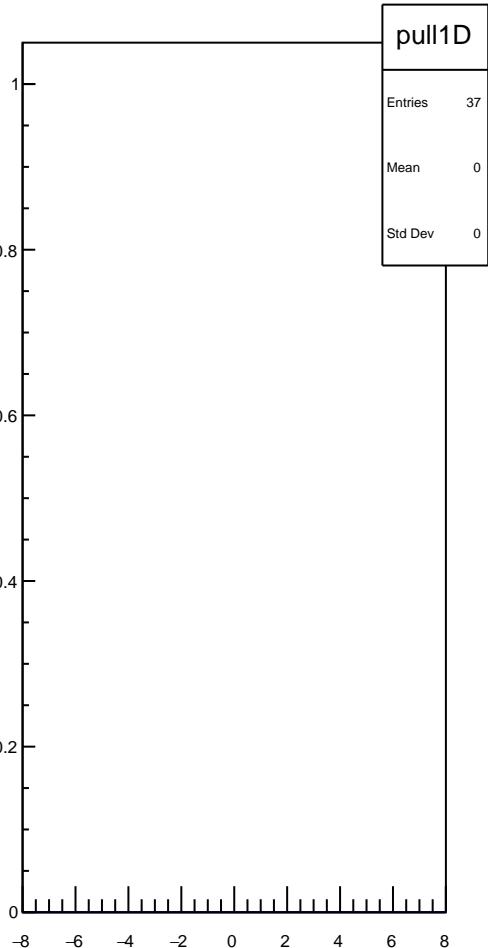
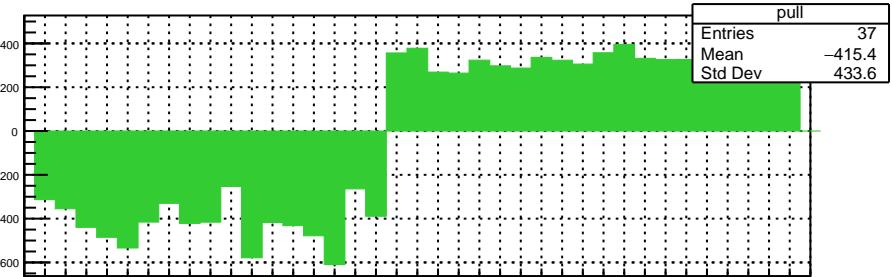
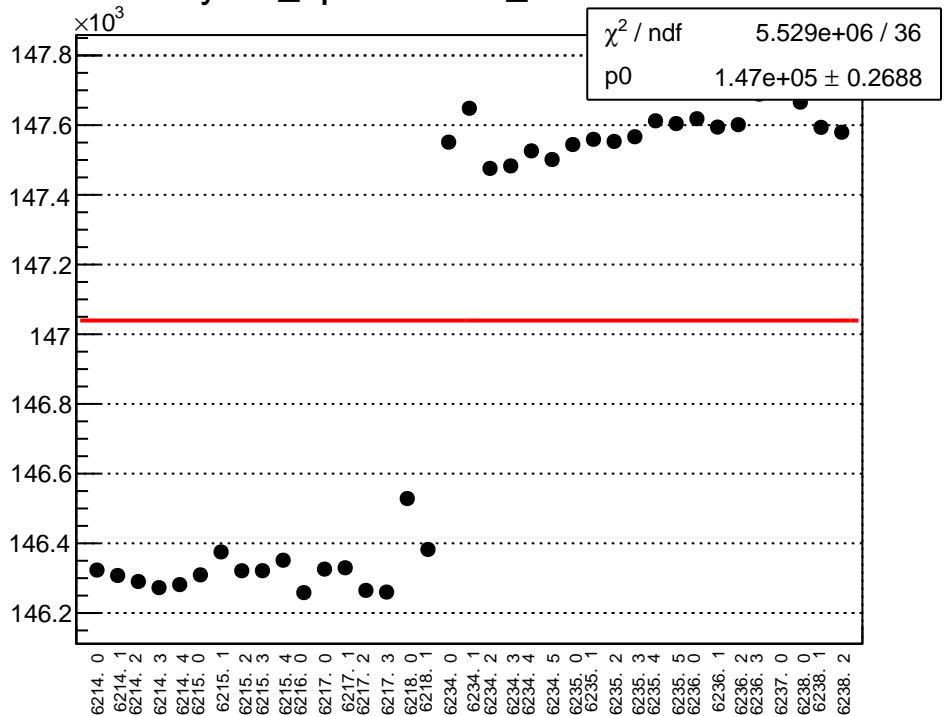
yield_bpm1i04WS_mean vs run



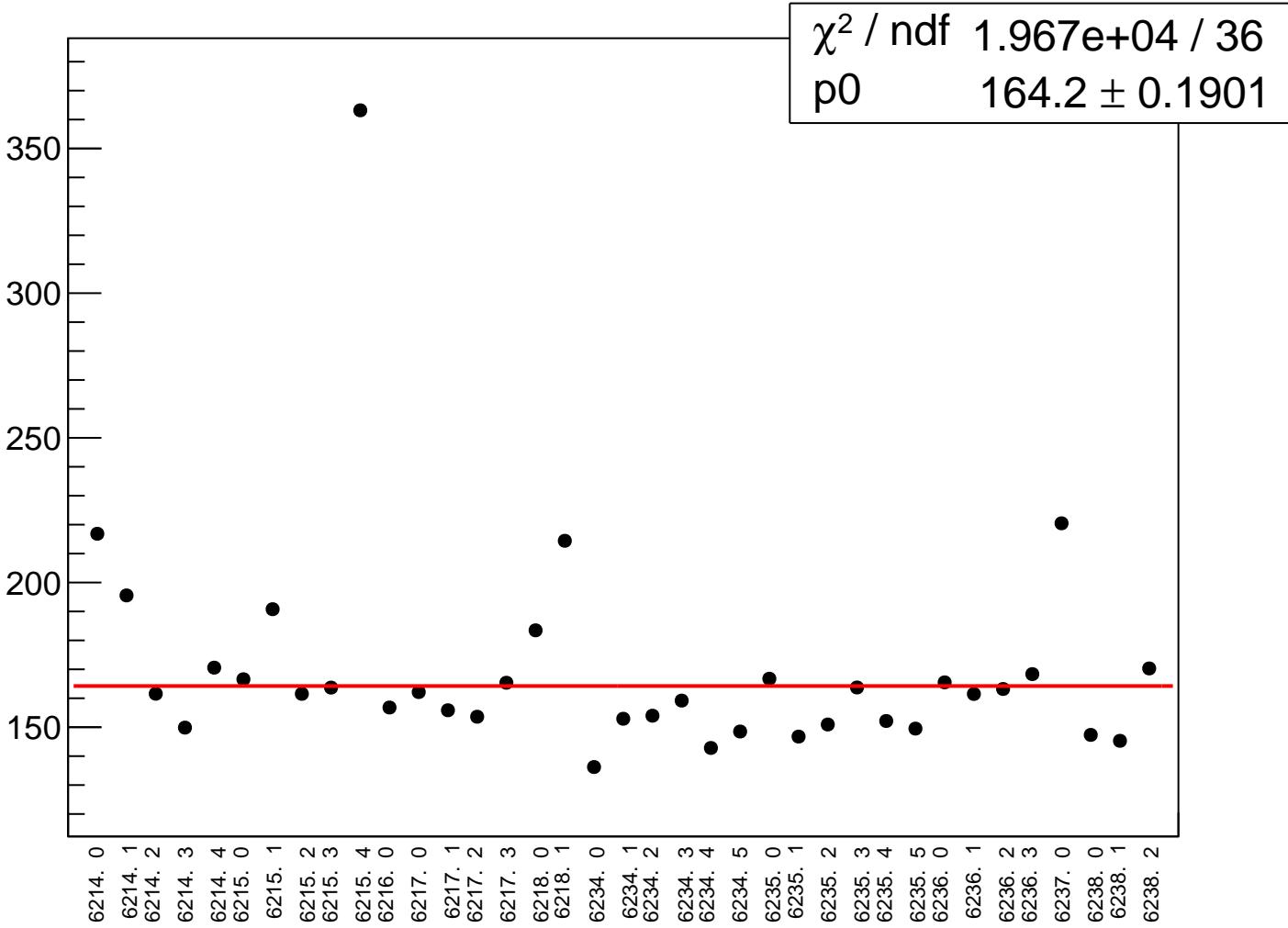
yield_bpm1i04WS_rms vs run



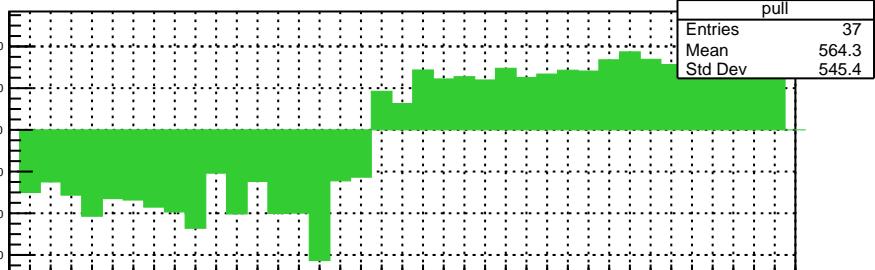
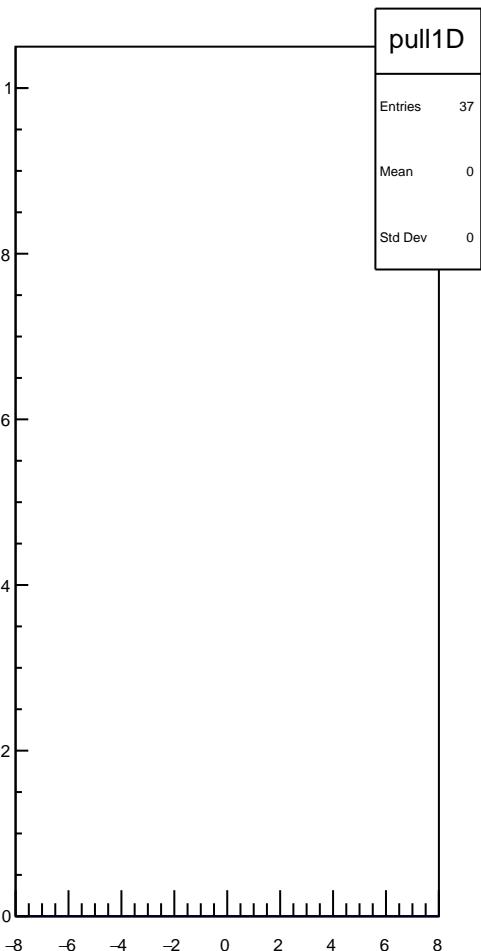
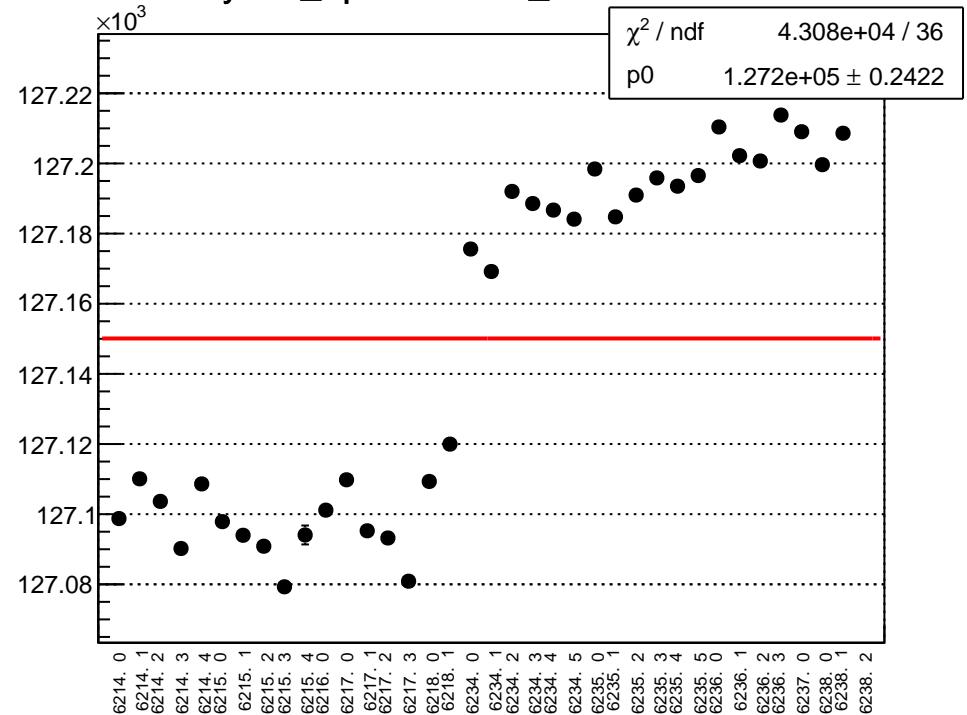
yield_bpm1i06WS_mean vs run



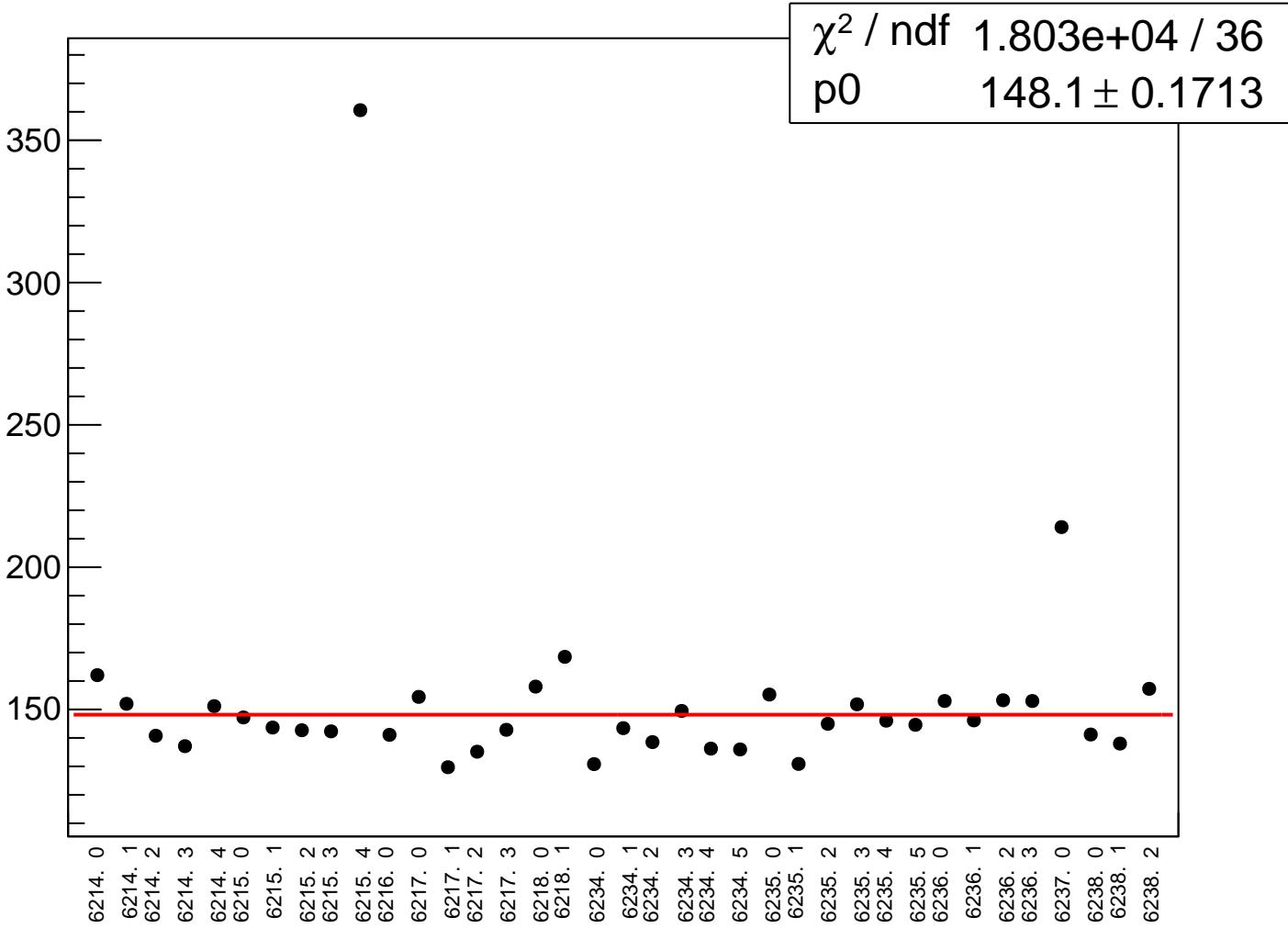
yield_bpm1i06WS_rms vs run



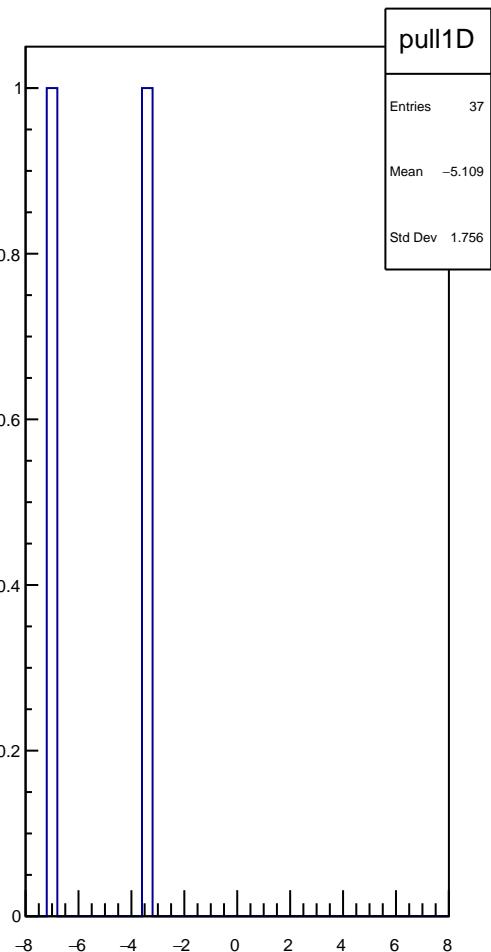
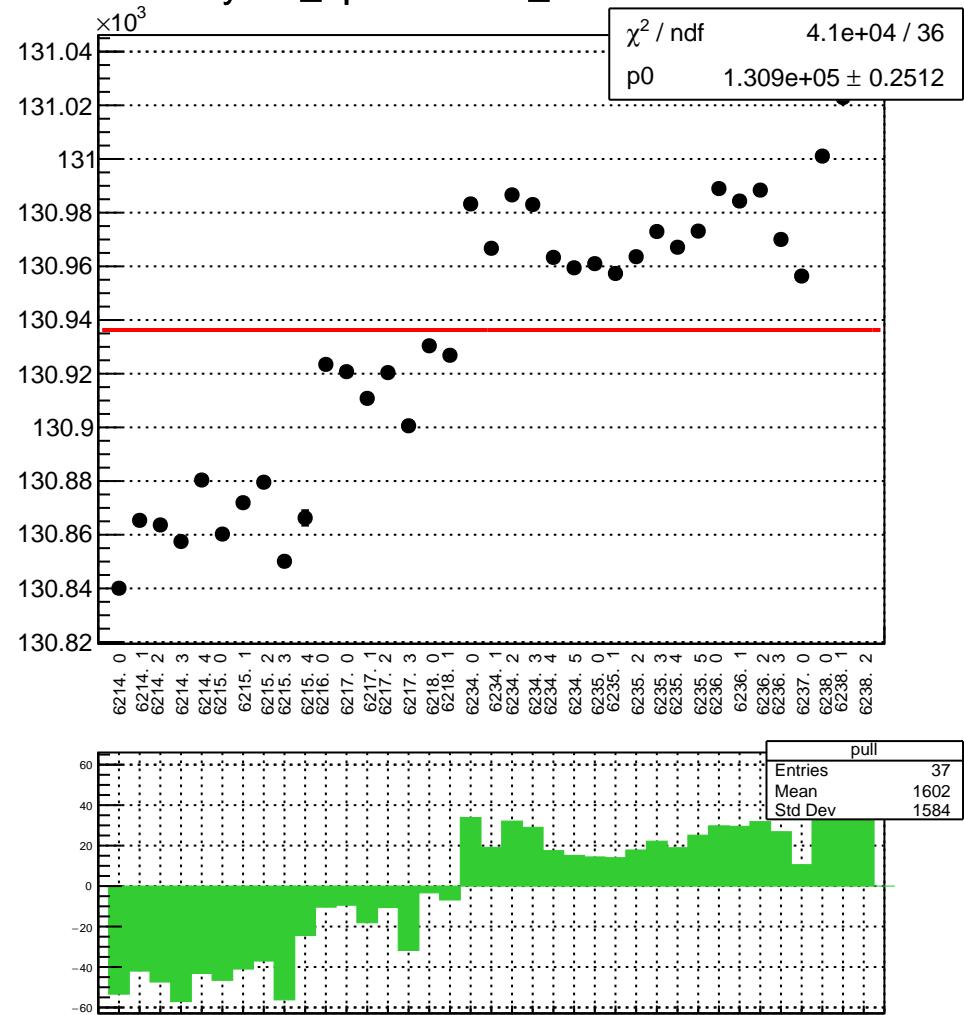
yield_bpm2i01WS_mean vs run



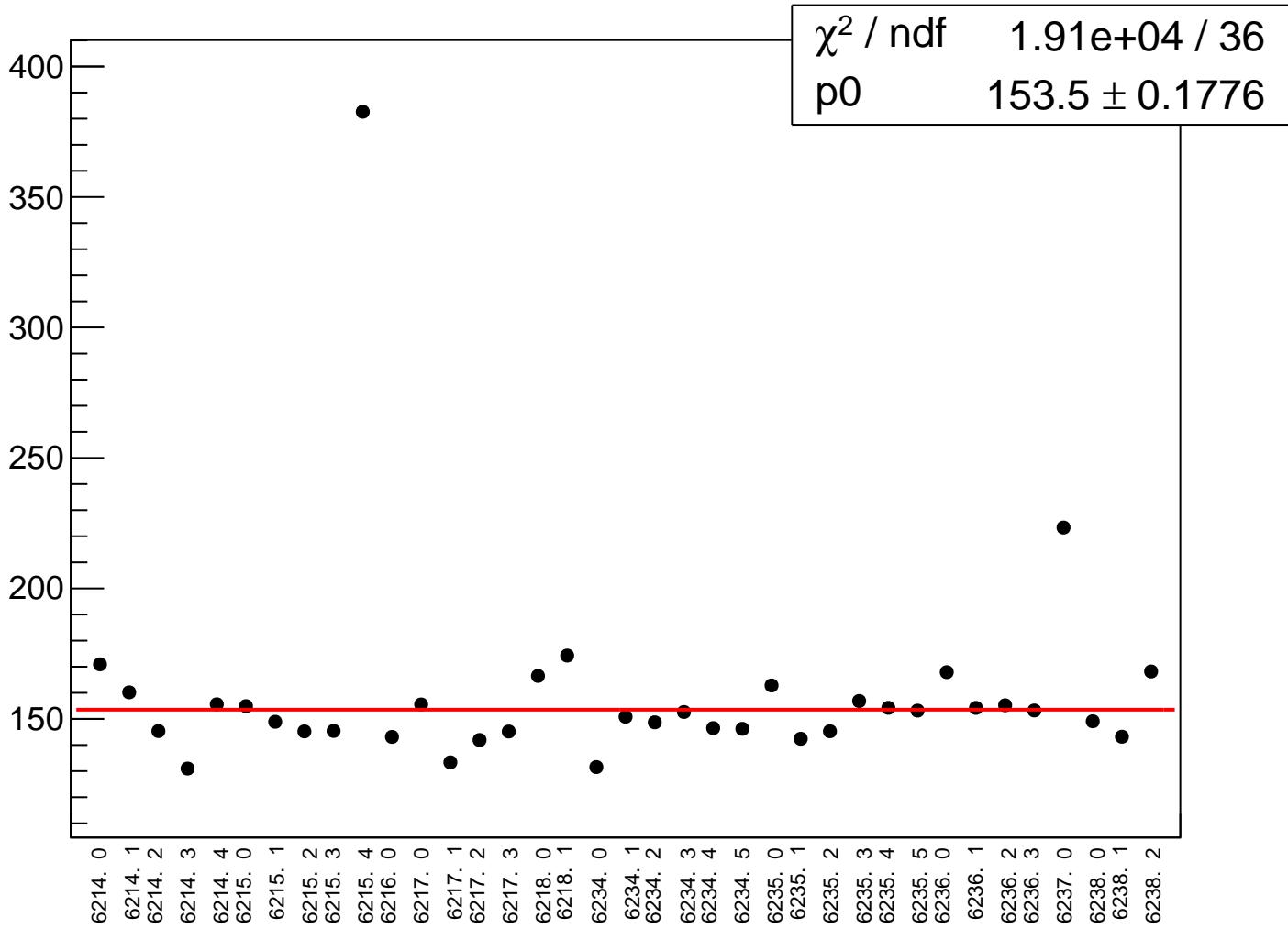
yield_bpm2i01WS_rms vs run



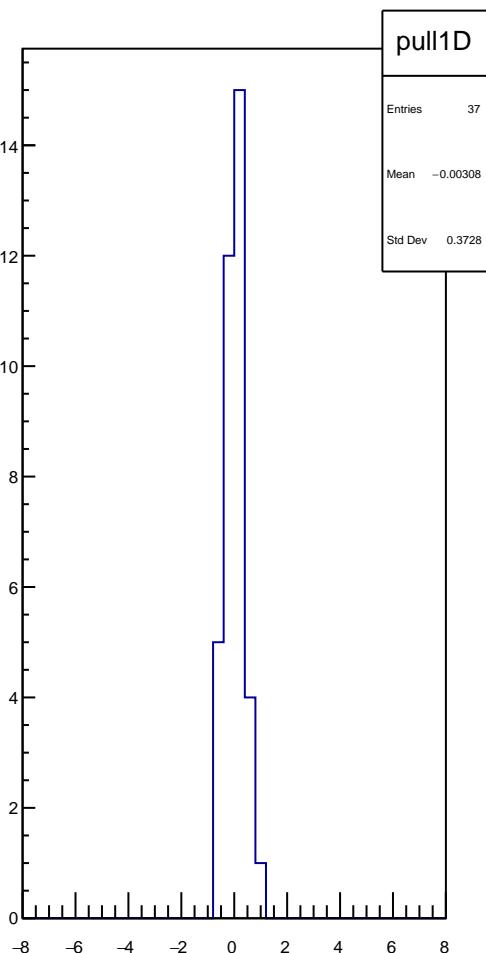
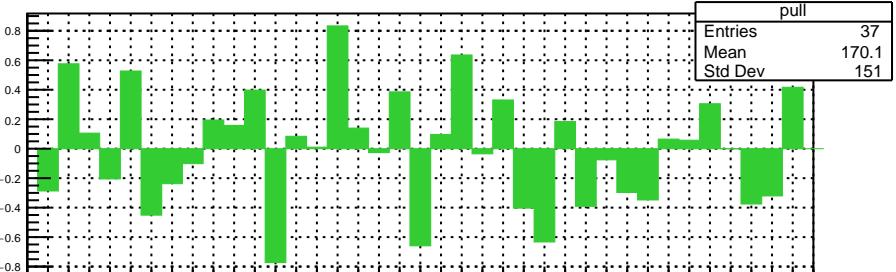
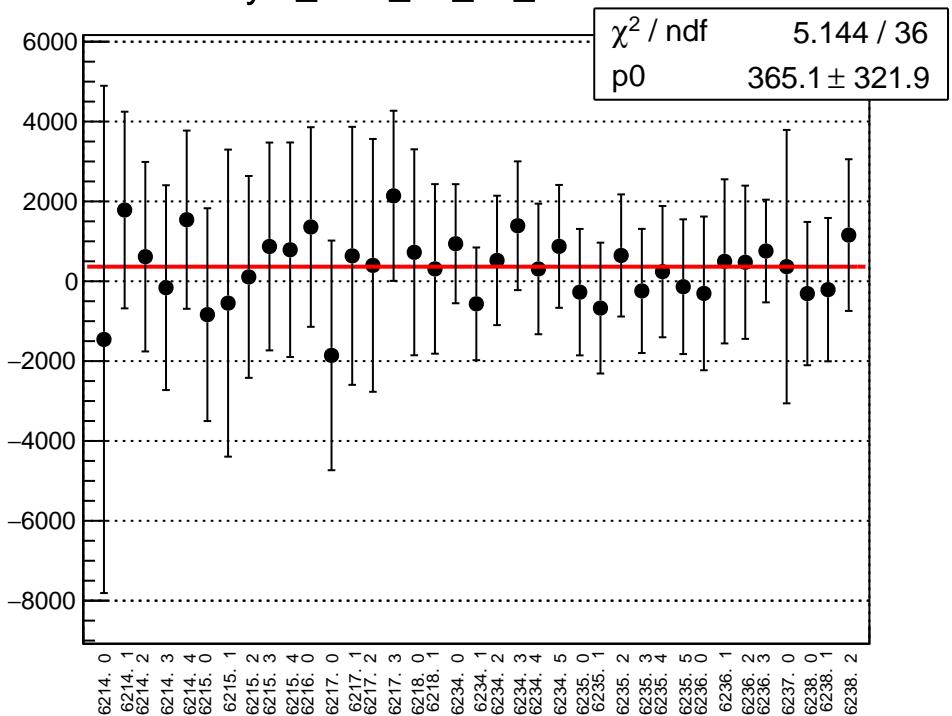
yield_bpm2i02WS_mean vs run



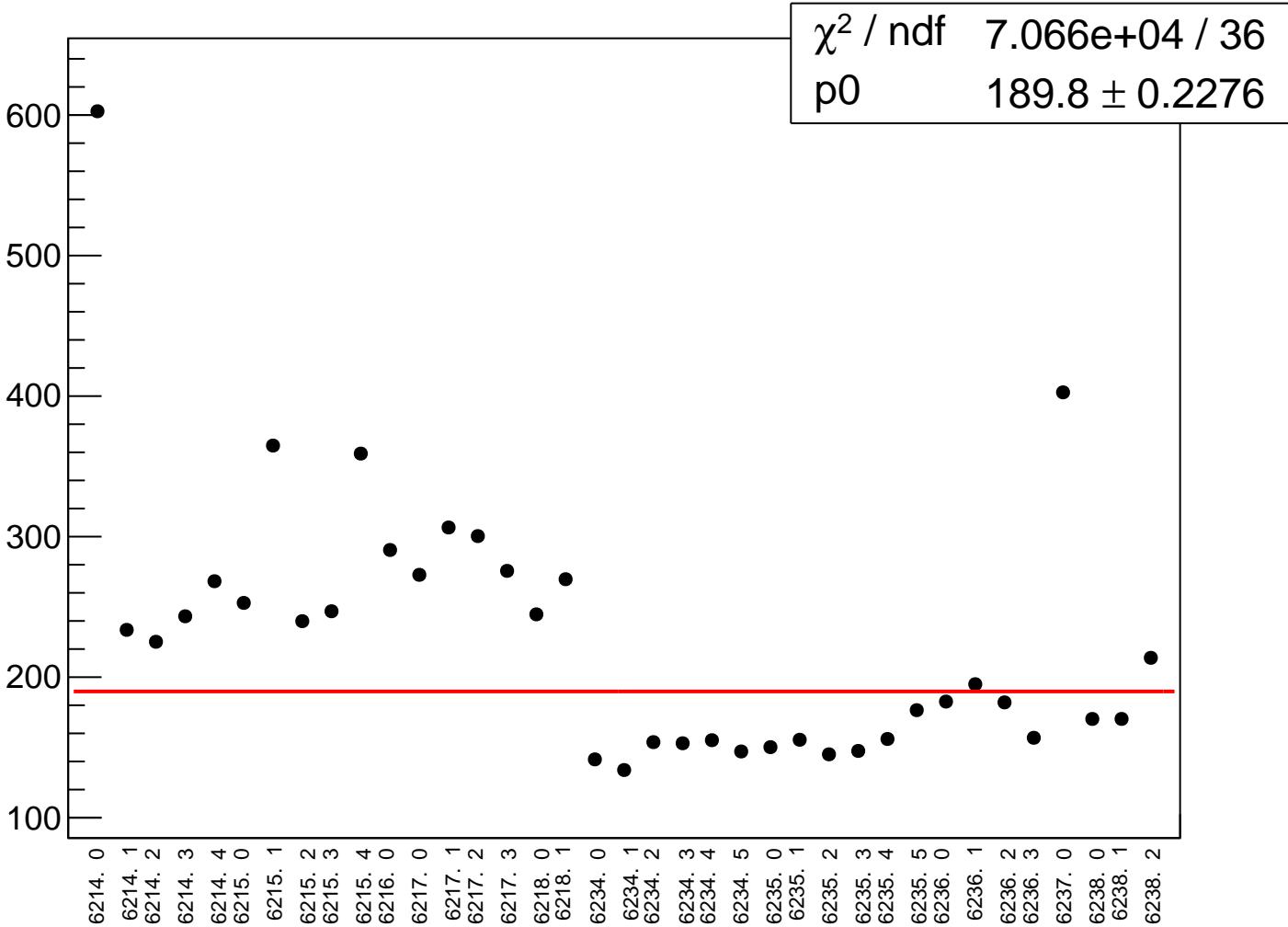
yield_bpm2i02WS_rms vs run



asym_bcm_an_ds_mean vs run

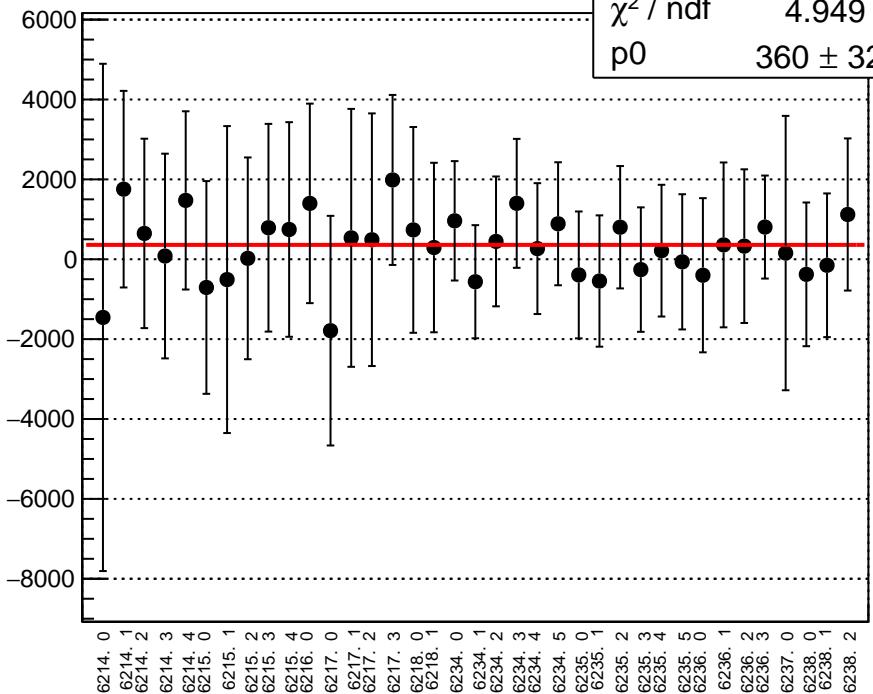


asym_bcm_an_ds_rms vs run

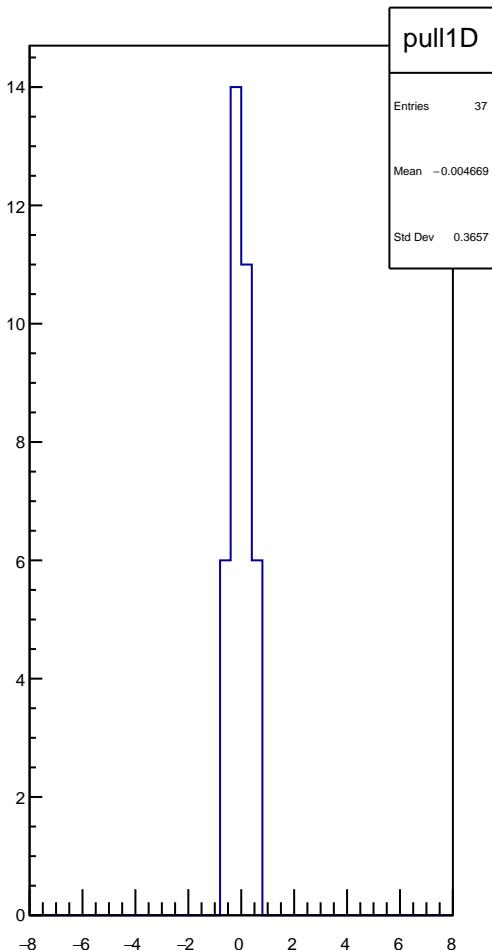
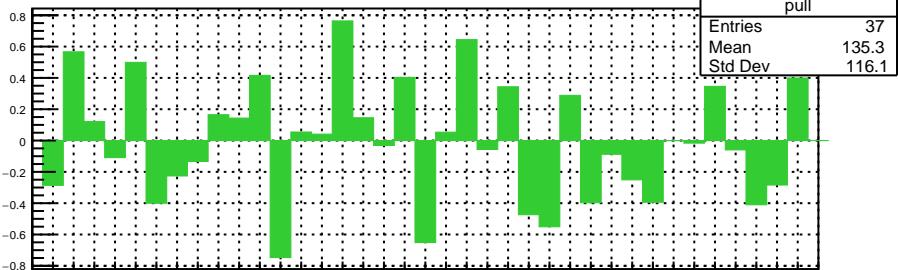


asym_bcm_an_ds3_mean vs run

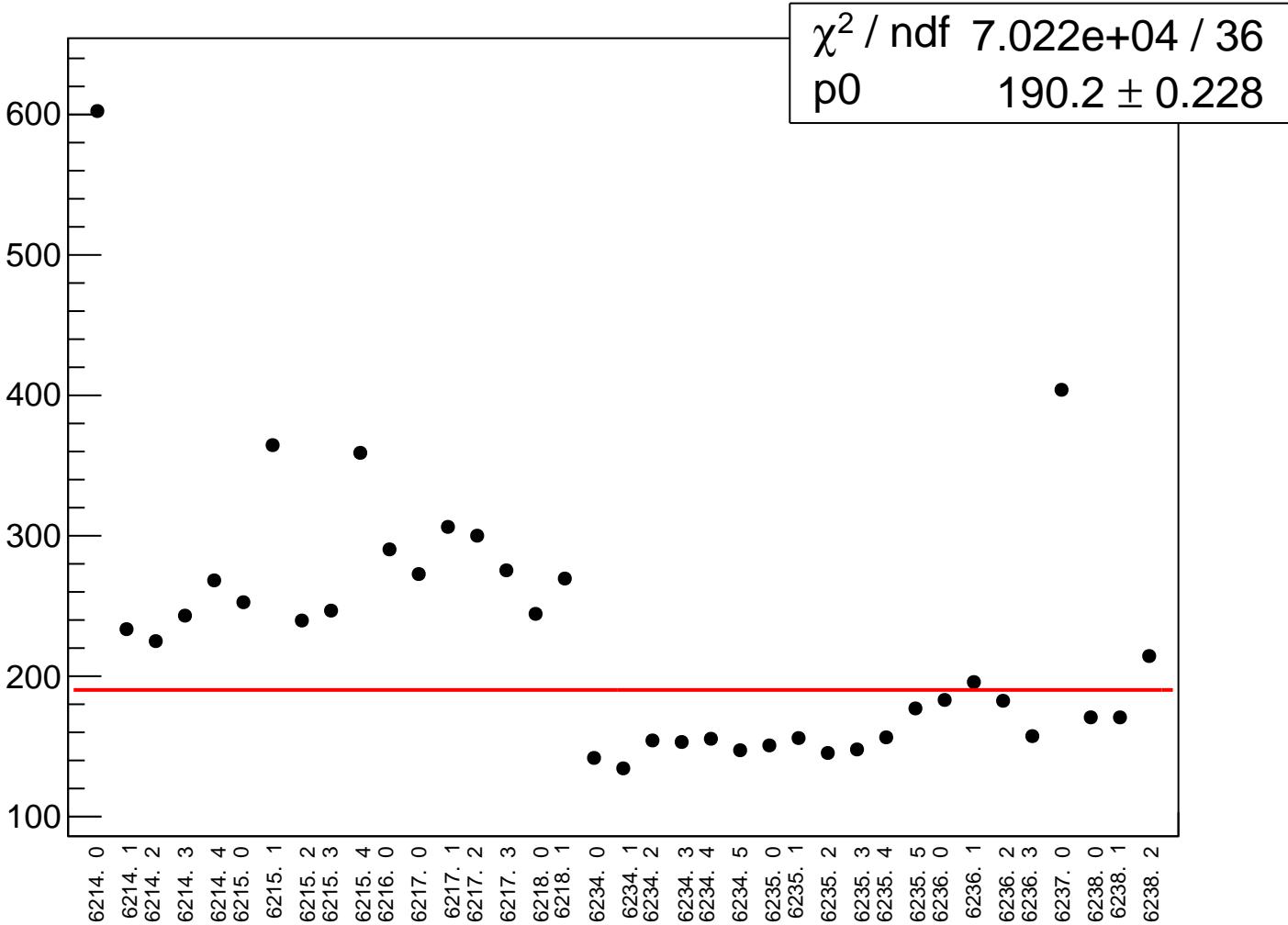
χ^2 / ndf 4.949 / 36
 $p0$ 360 ± 322.4



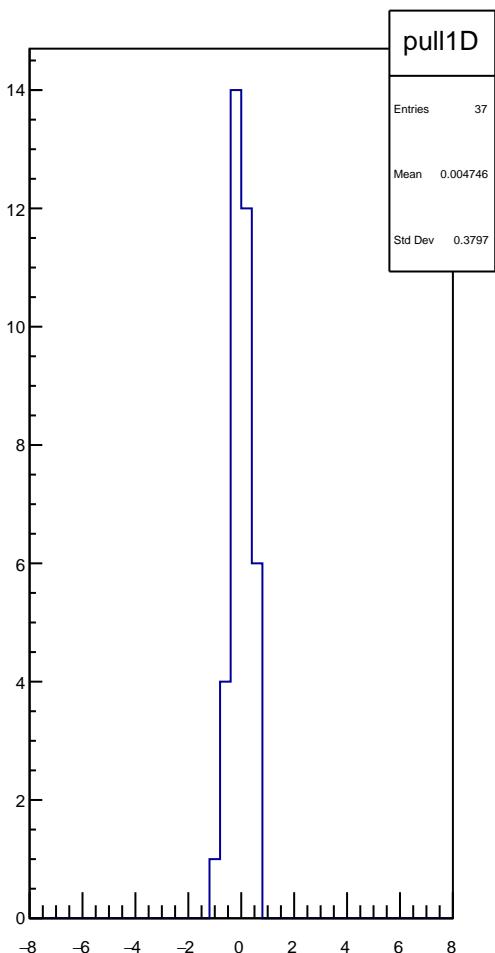
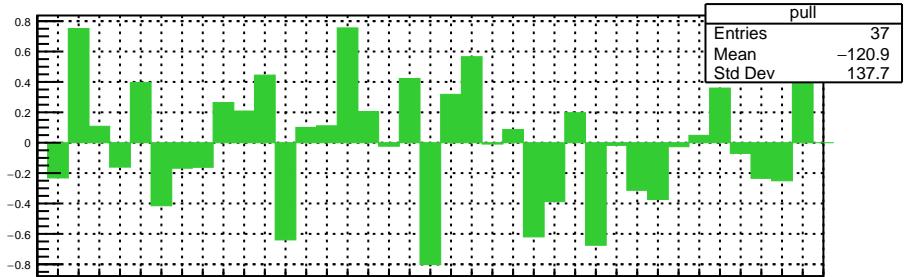
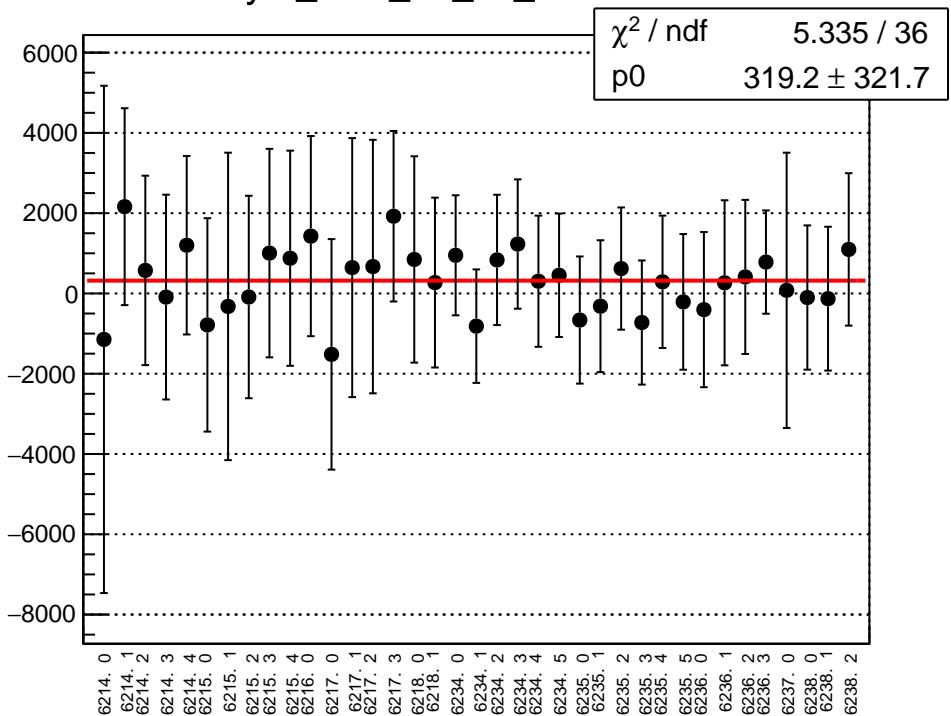
6214. 0
 6214. 1
 6214. 2
 6214. 3
 6214. 4
 6215. 0
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 6215. 3
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 6216. 0
 6217. 0
 6217. 1
 6217. 2
 6217. 3
 6218. 0
 6218. 1
 6234. 0
 6234. 1
 6234. 2
 6234. 3
 6234. 4
 6234. 5
 6235. 0
 6235. 1
 6235. 2
 6235. 3
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 6238. 2



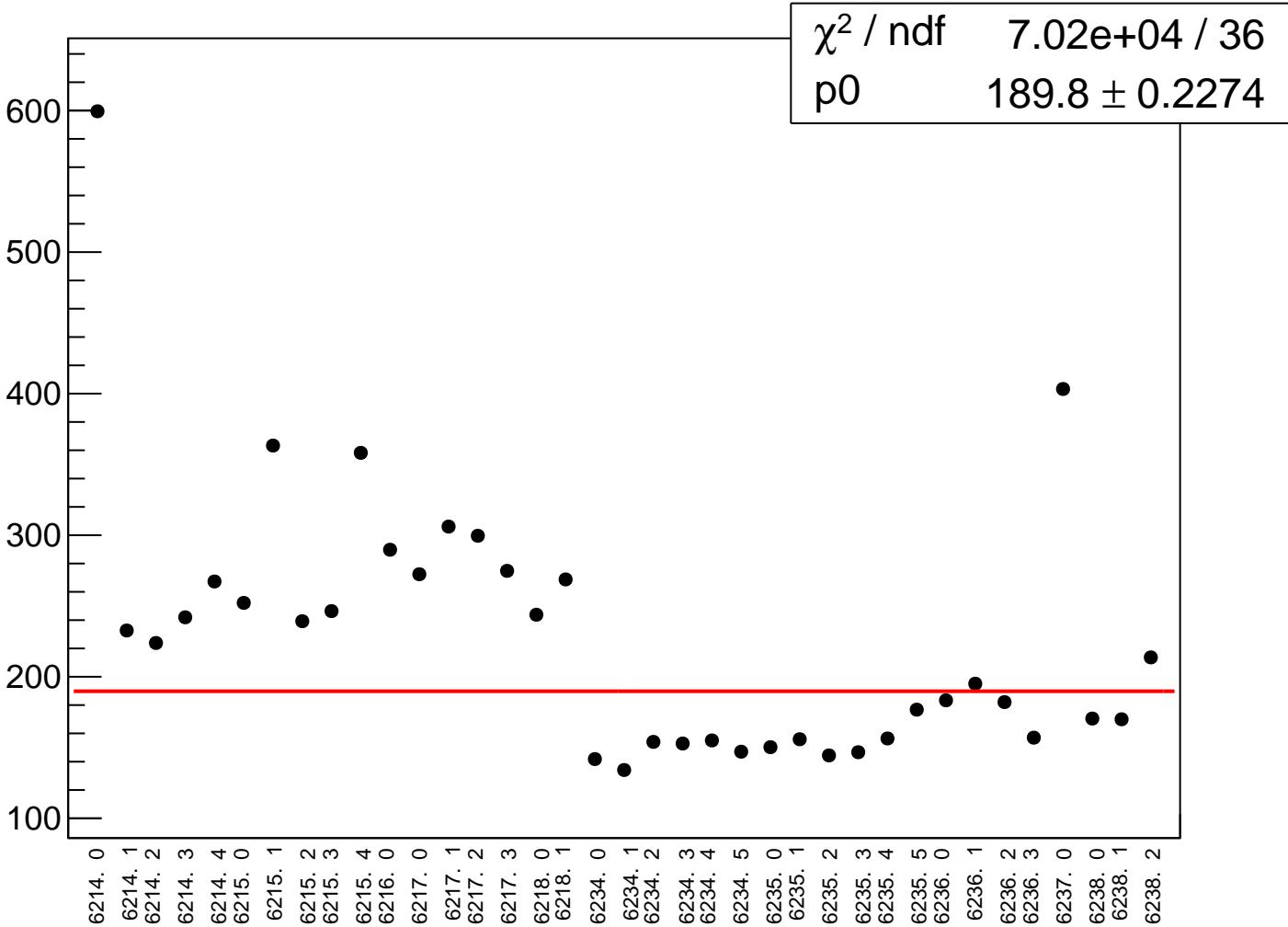
asym_bcm_an_ds3_rms vs run



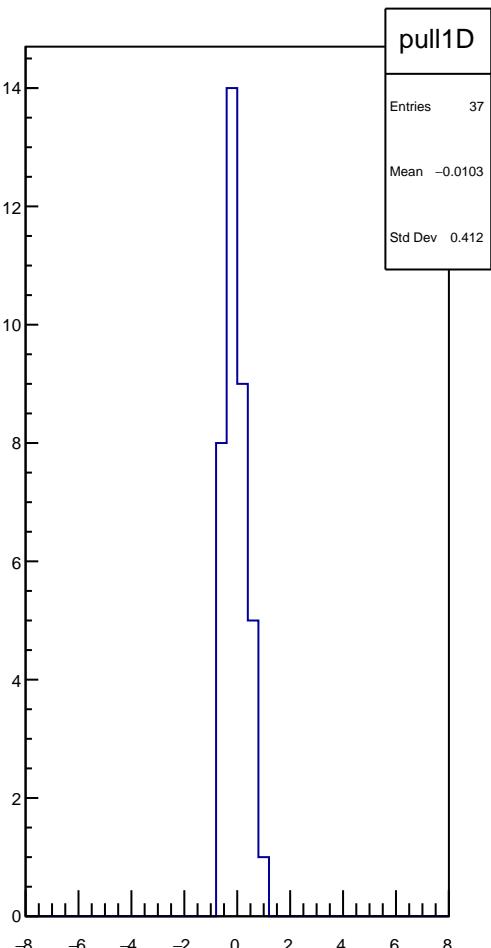
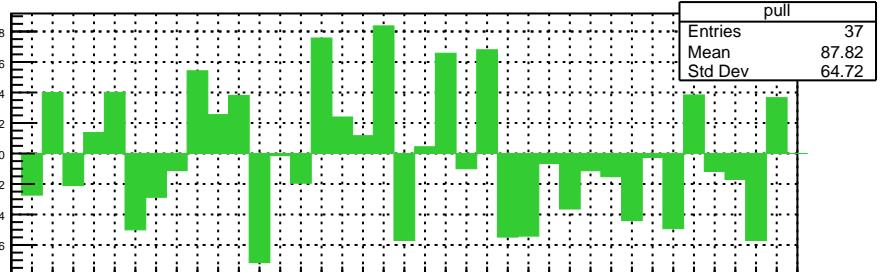
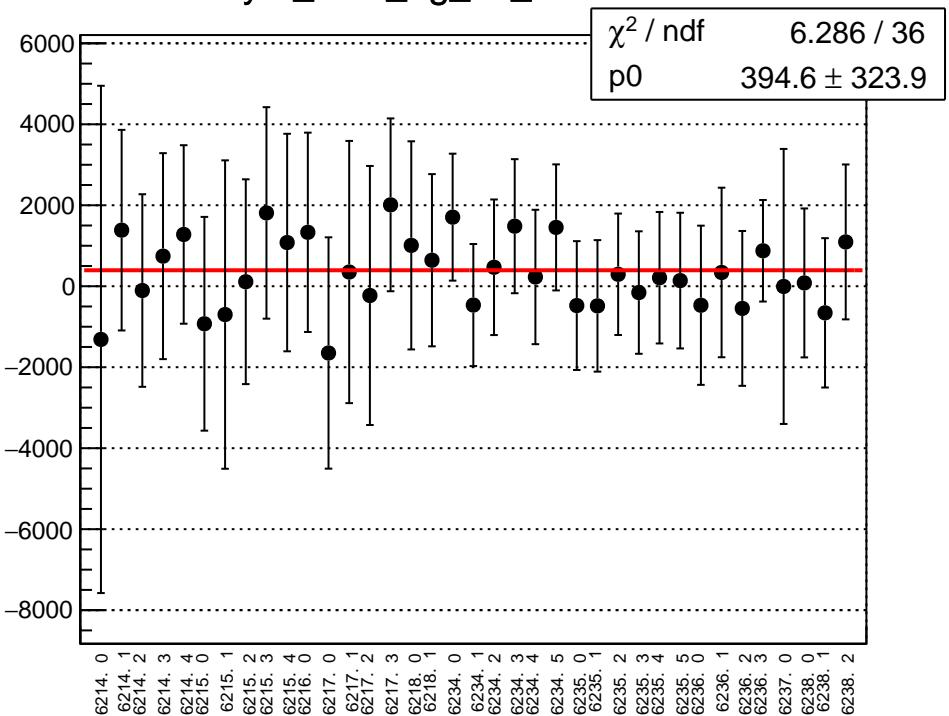
asym_bcm_an_us_mean vs run



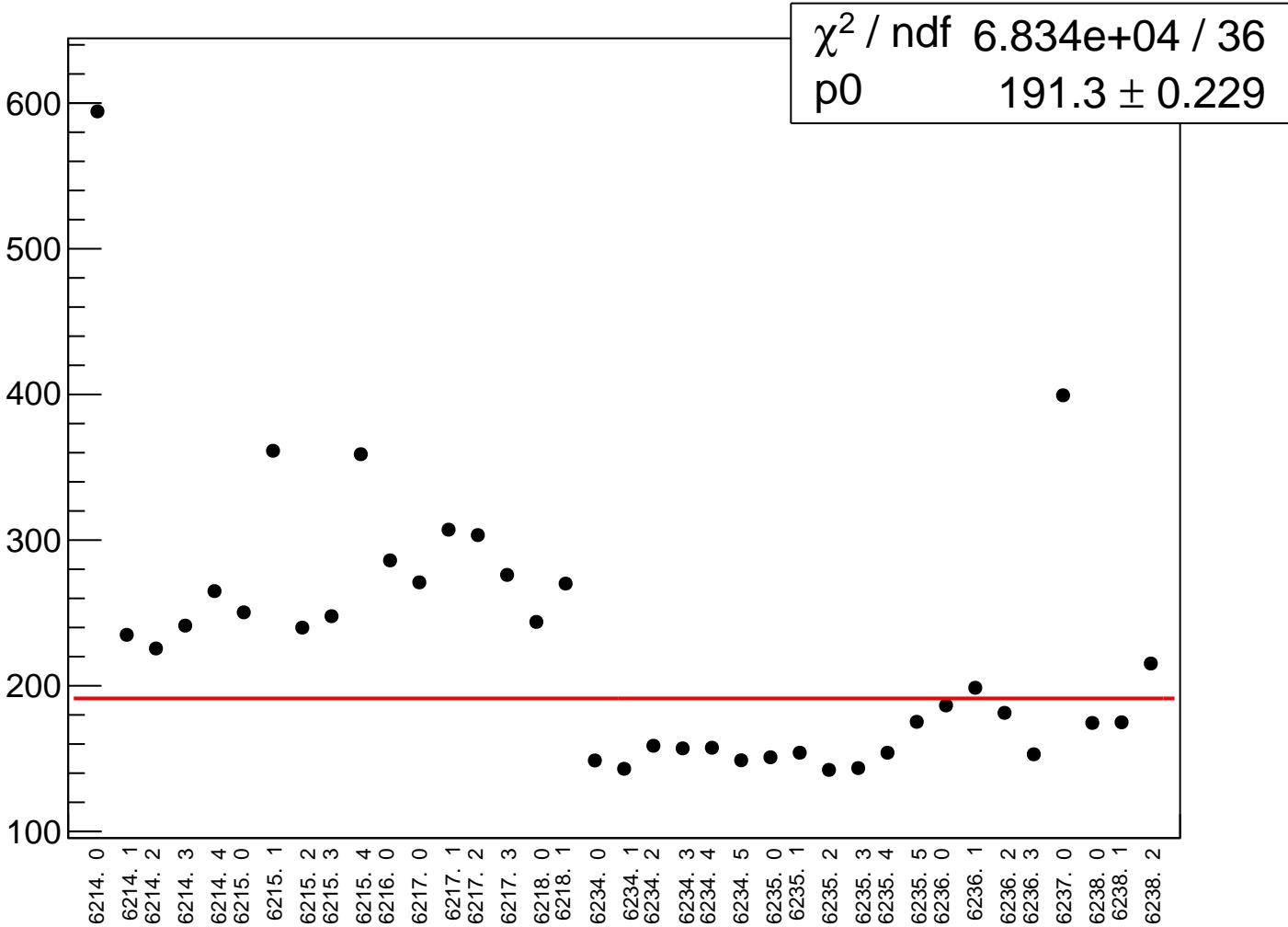
asym_bcm_an_us_rms vs run



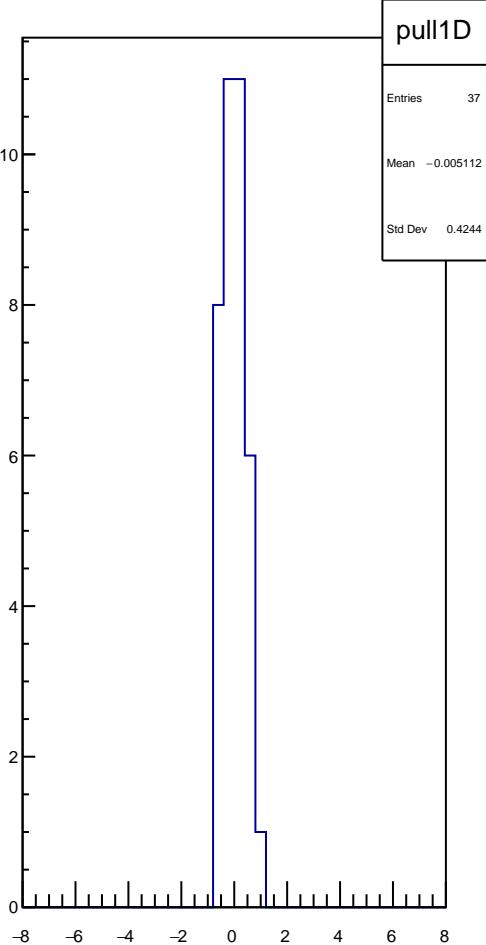
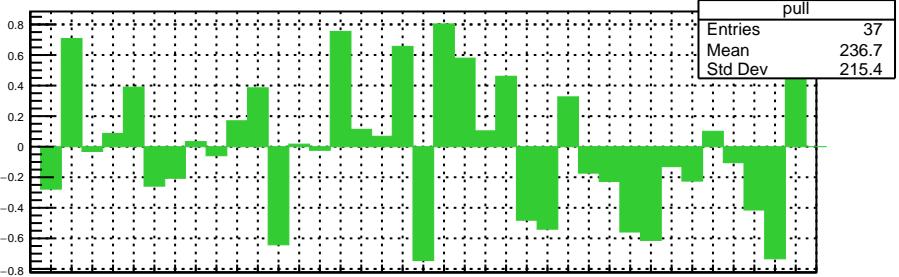
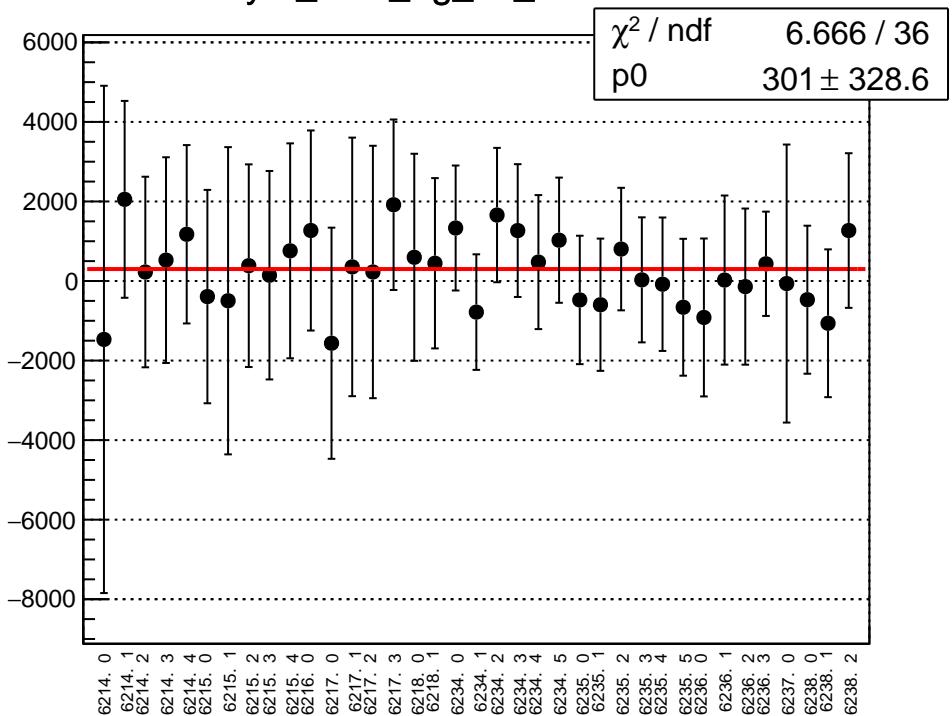
asym_bcm_dg_us_mean vs run



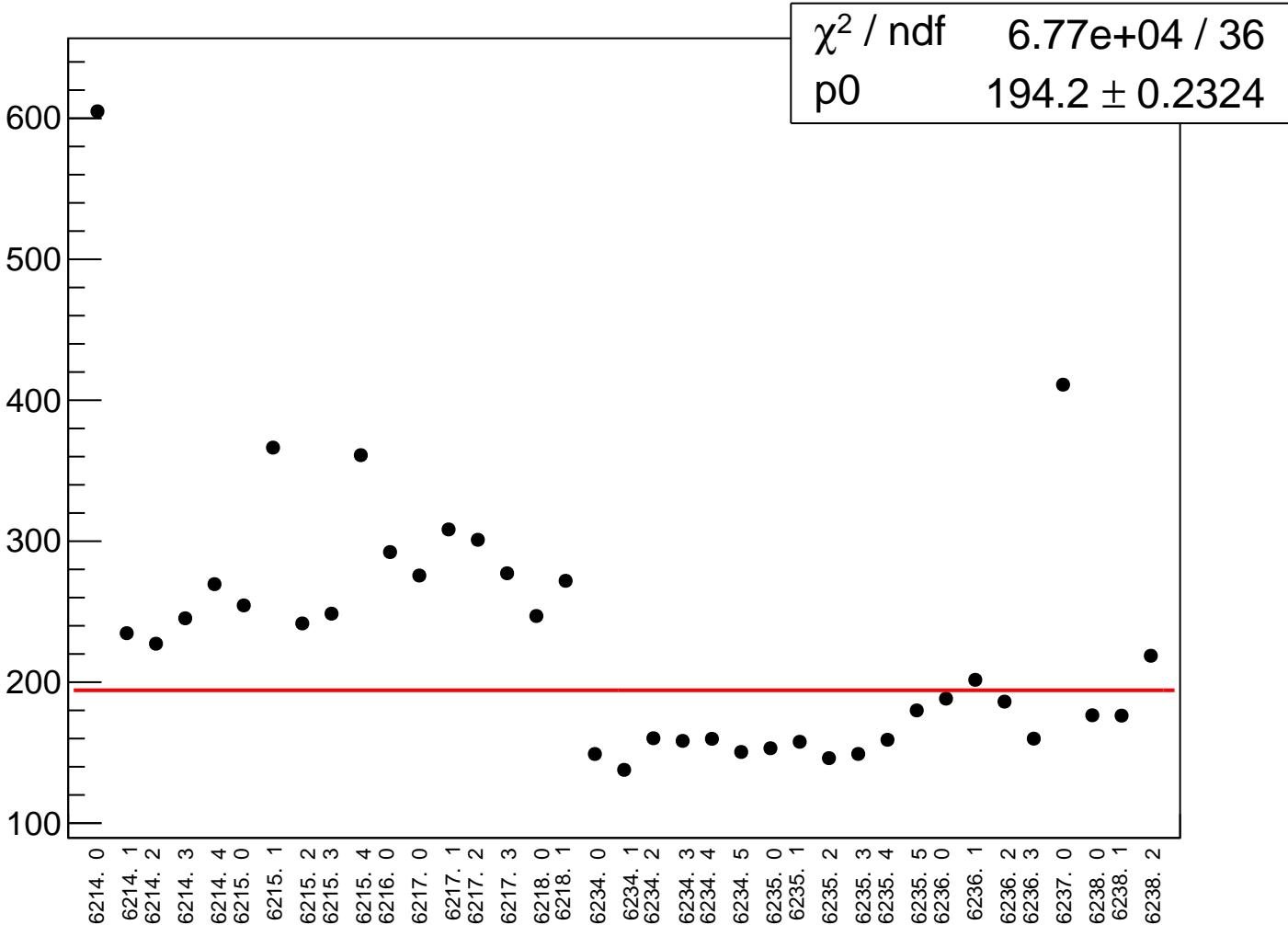
asym_bcm_dg_us_rms vs run



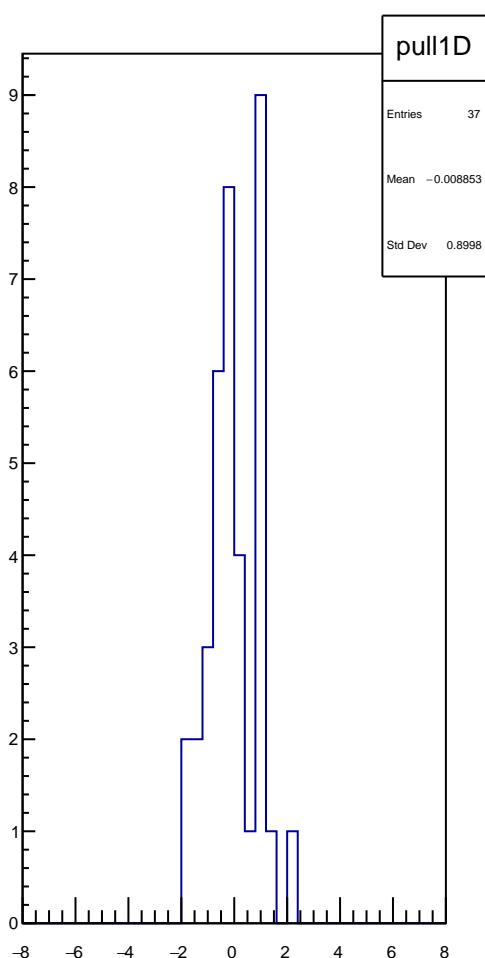
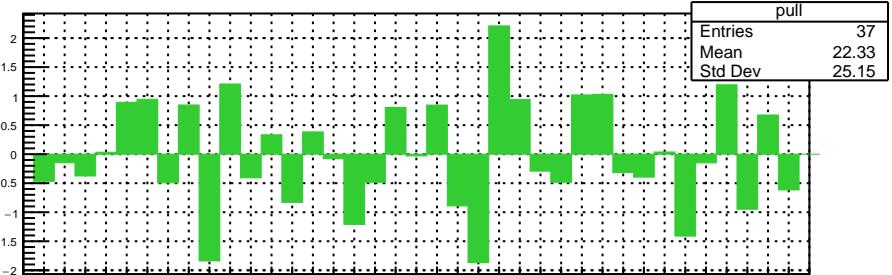
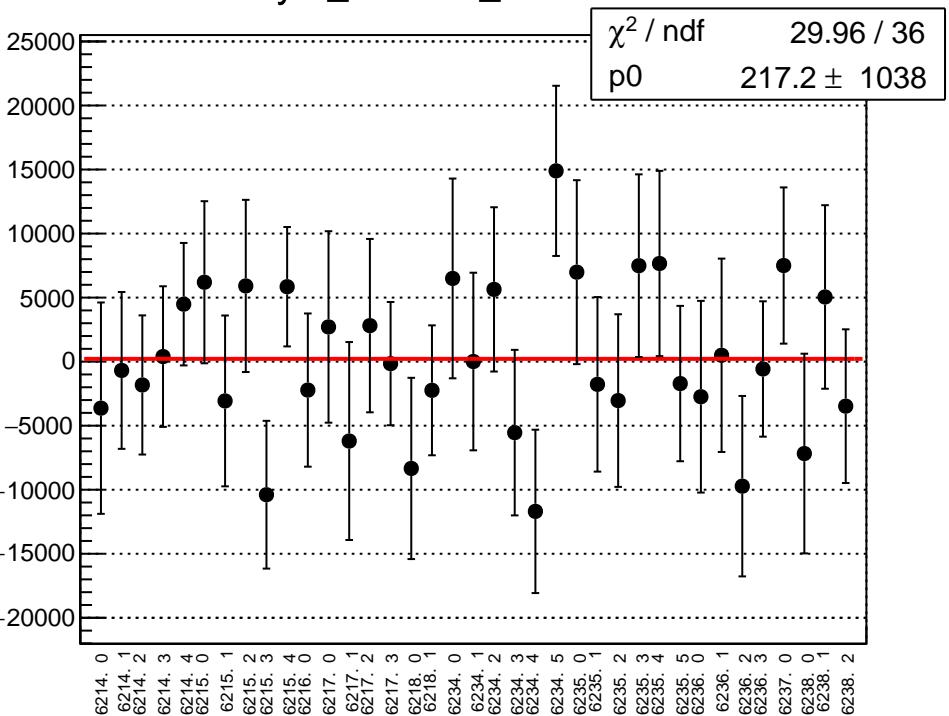
asym_bcm_dg_ds_mean vs run



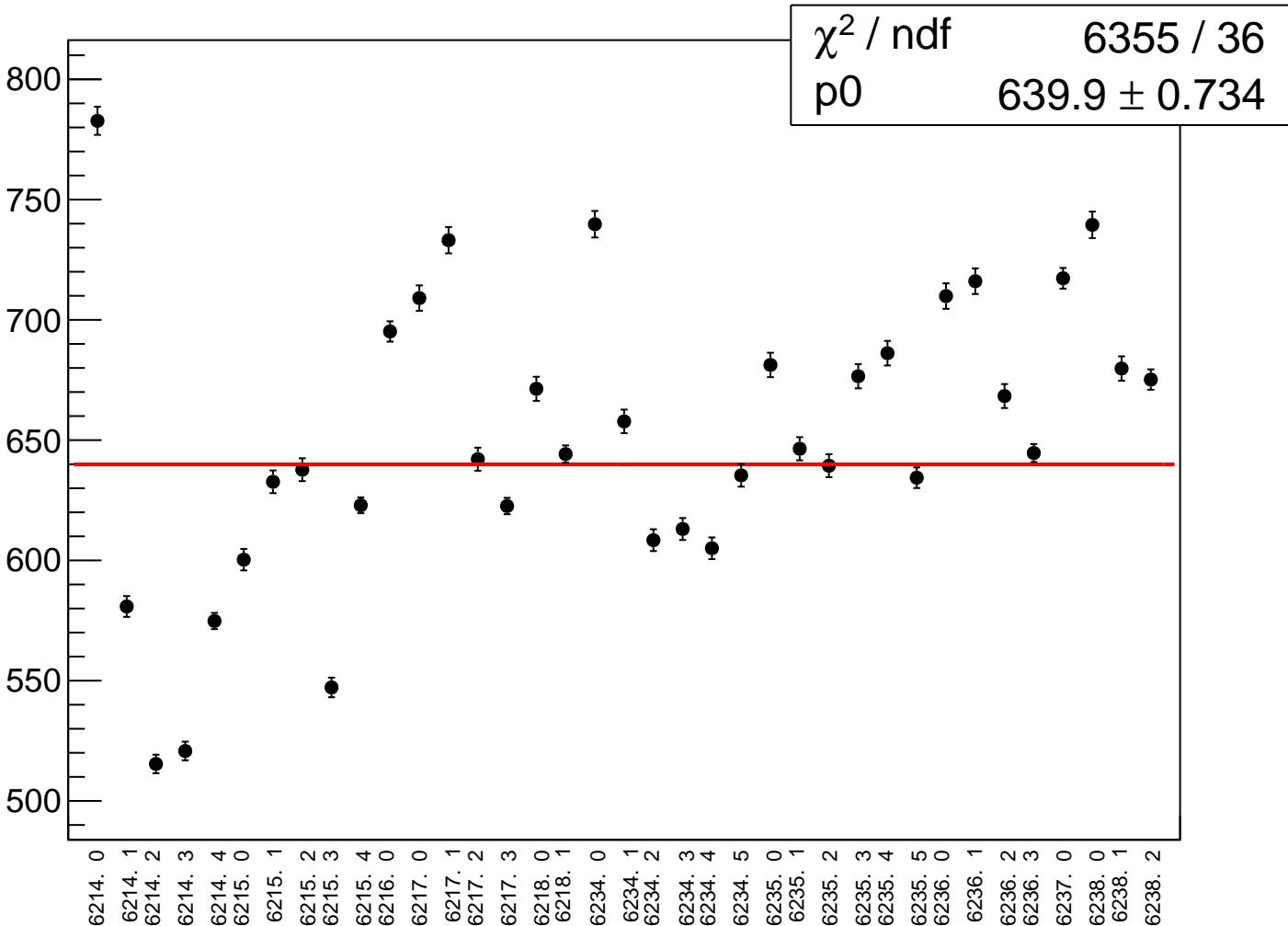
asym_bcm_dg_ds_rms vs run



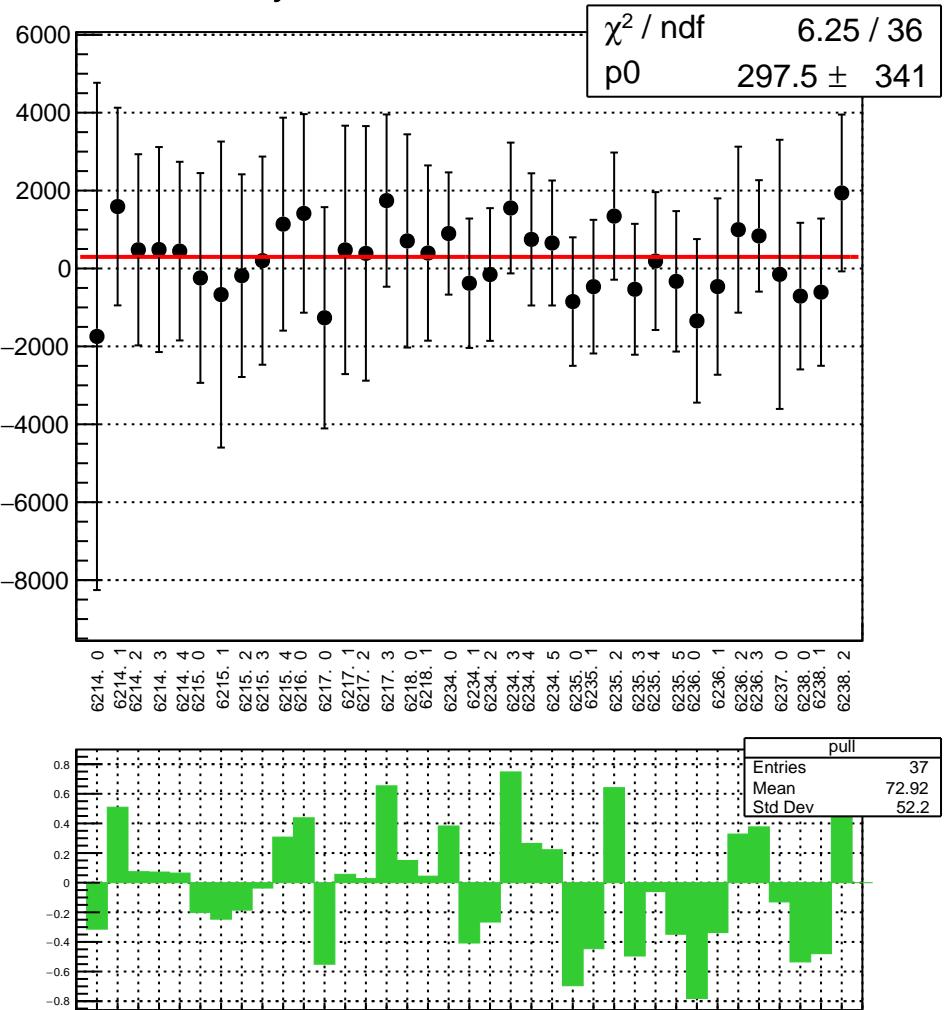
asym_cav4bQ_mean vs run



asym_cav4bQ_rms vs run



asym_cav4cQ_mean vs run



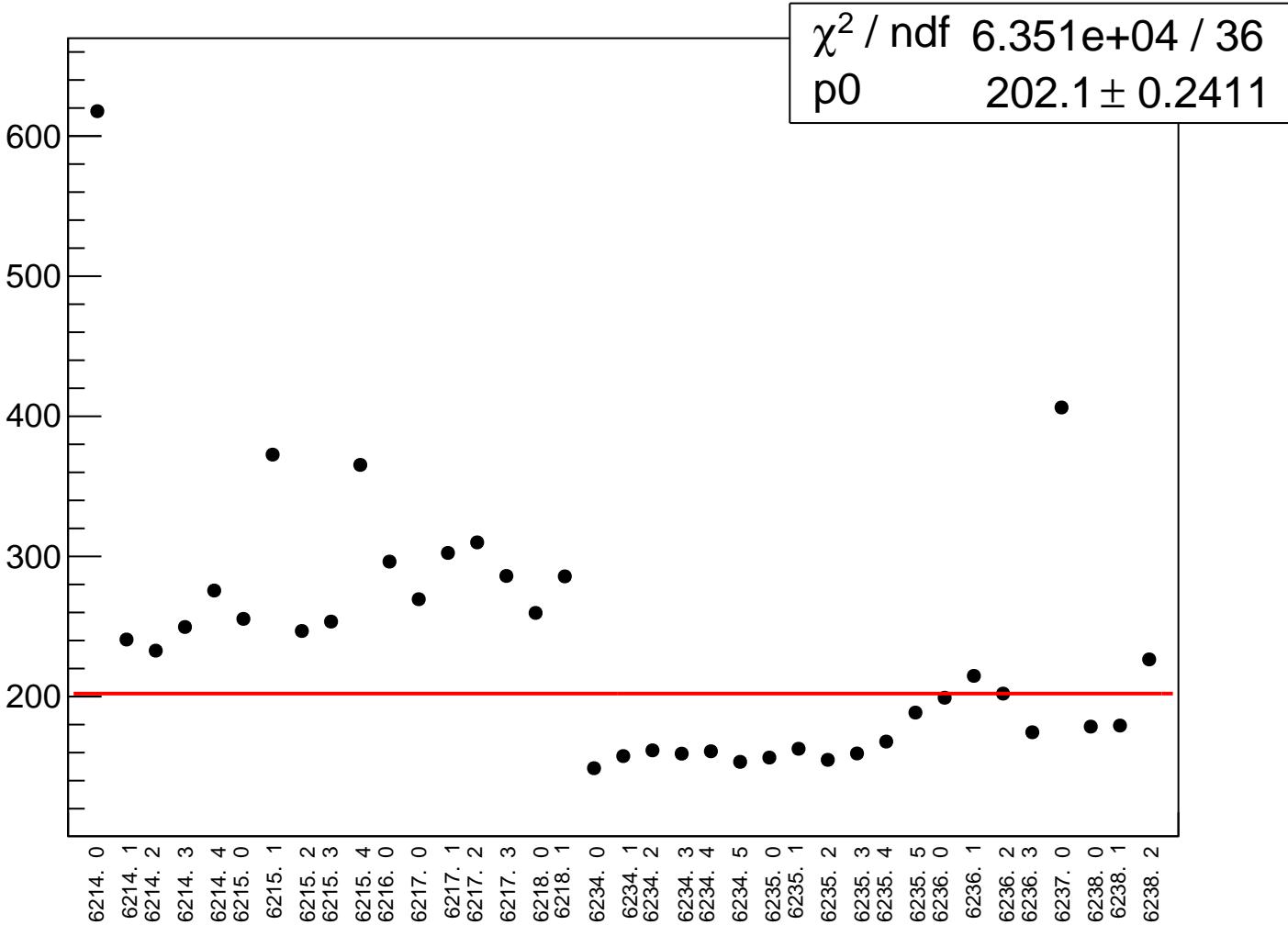
pull1D

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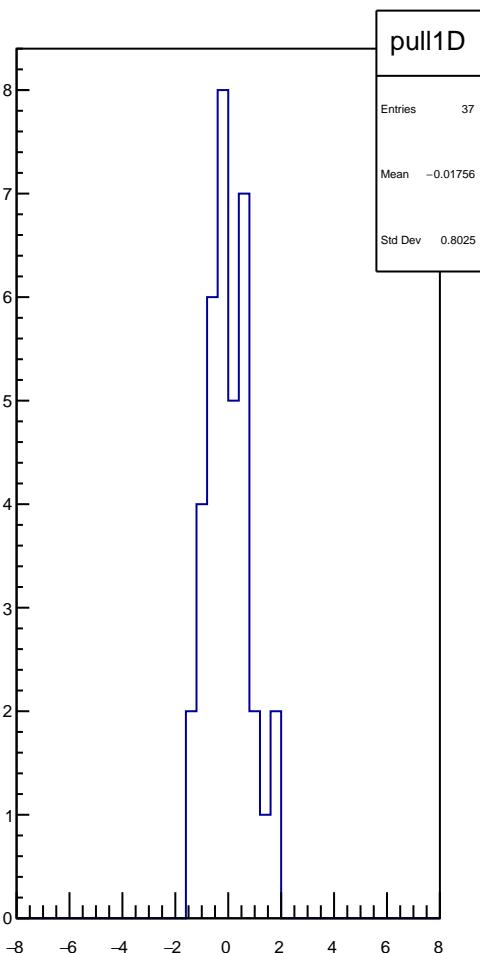
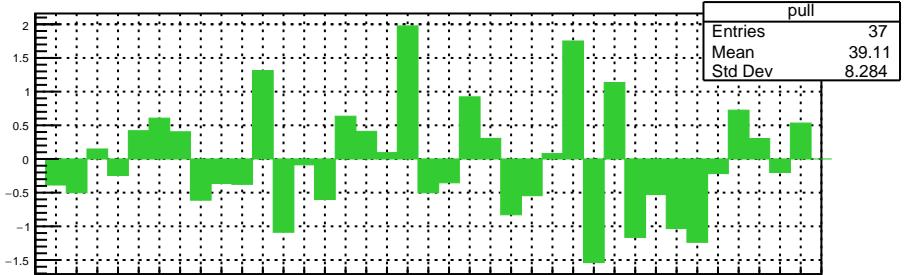
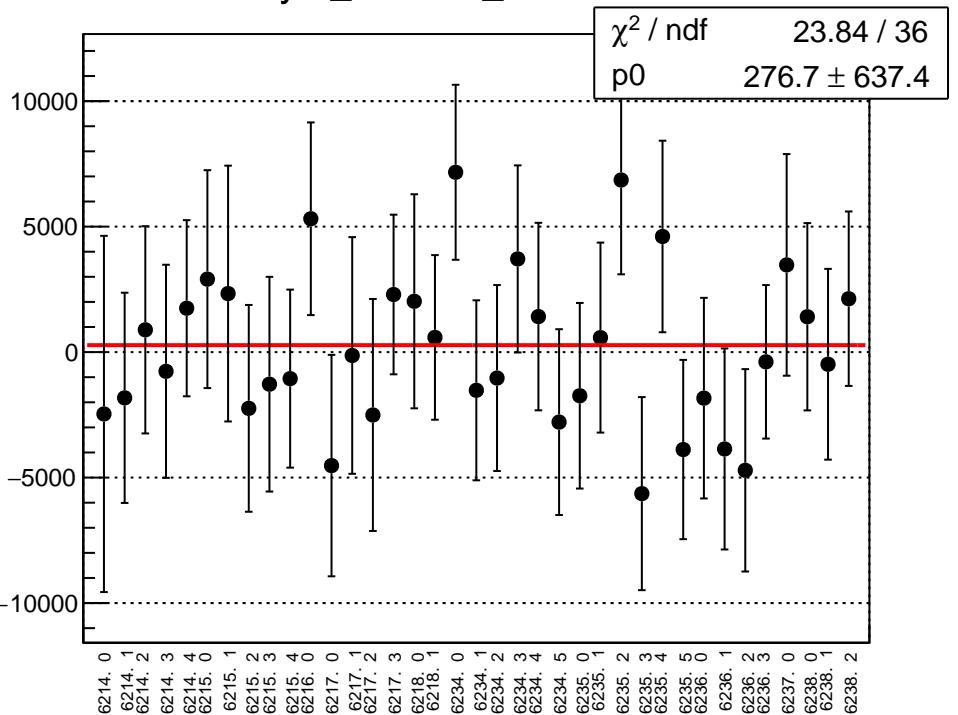
Mean -0.009166

Std Dev 0.4109

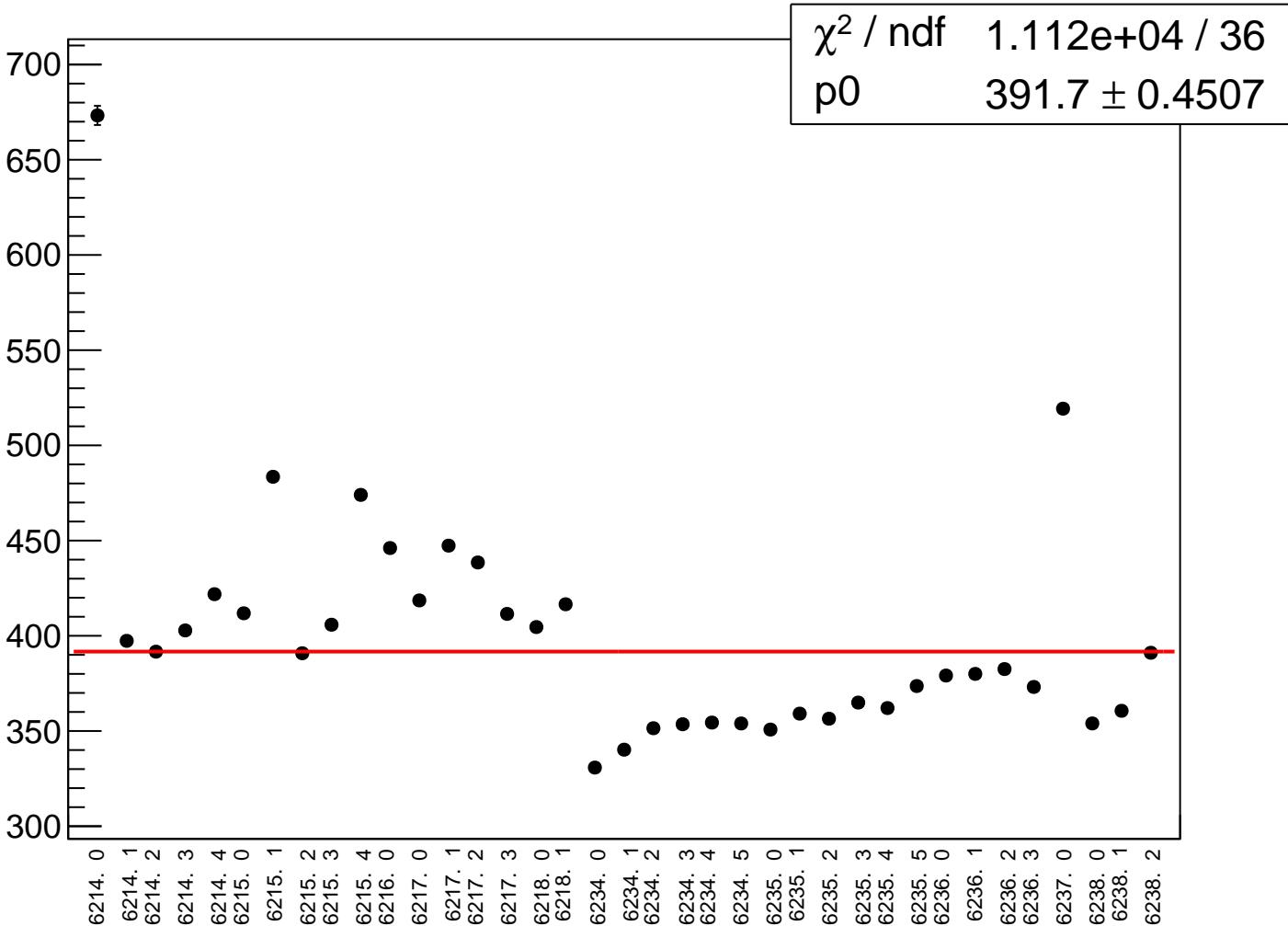
asym_cav4cQ_rms vs run



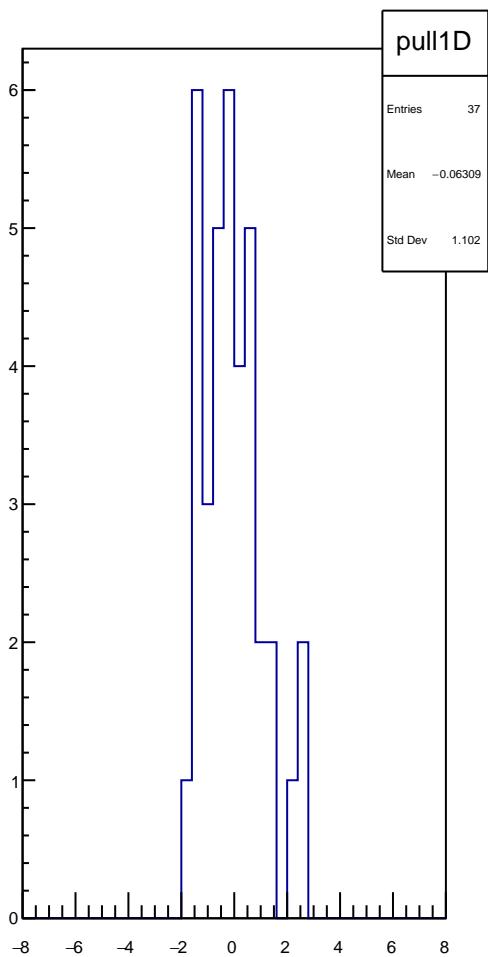
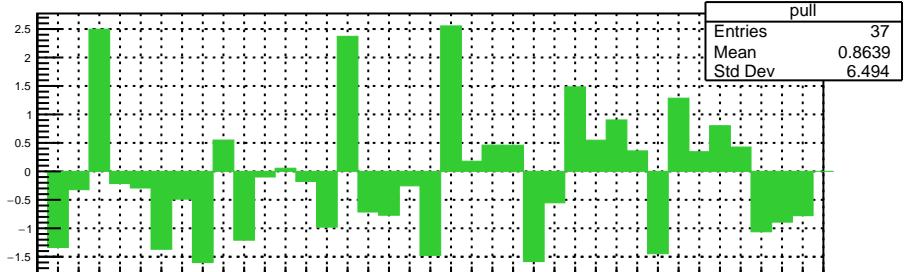
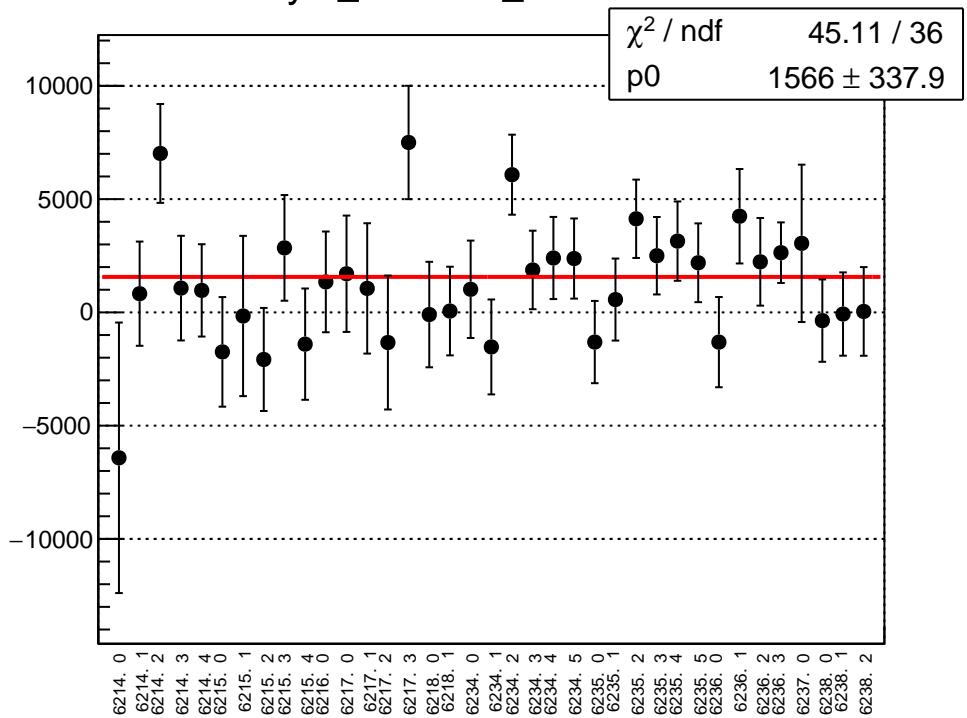
asym_cav4dQ_mean vs run



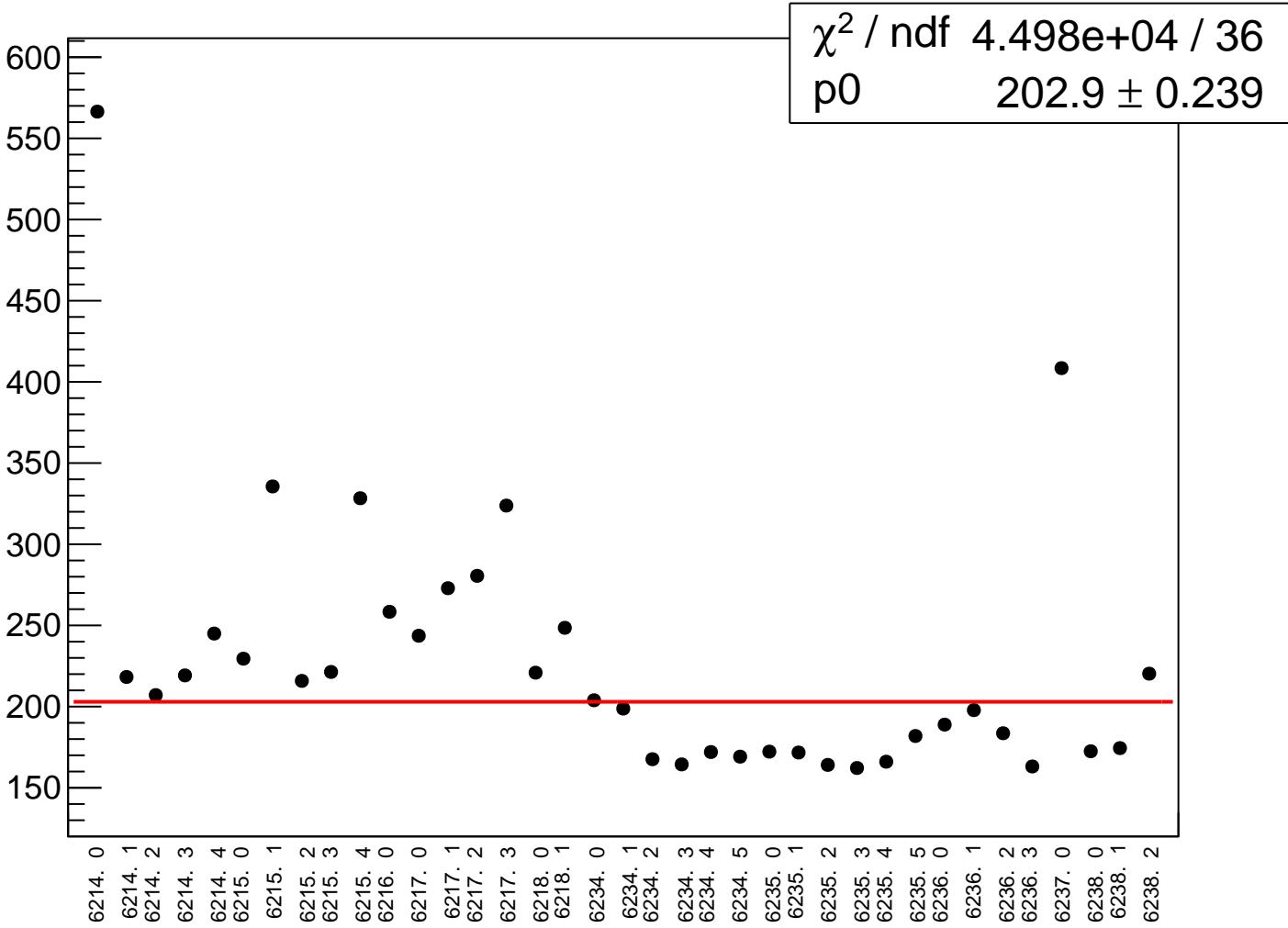
asym_cav4dQ_rms vs run



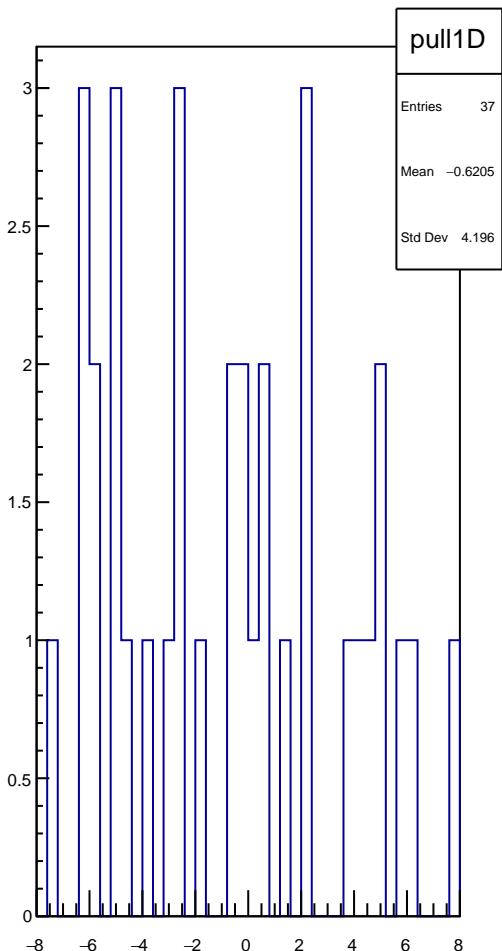
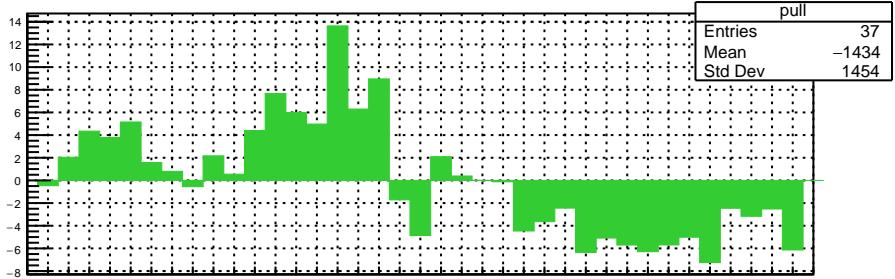
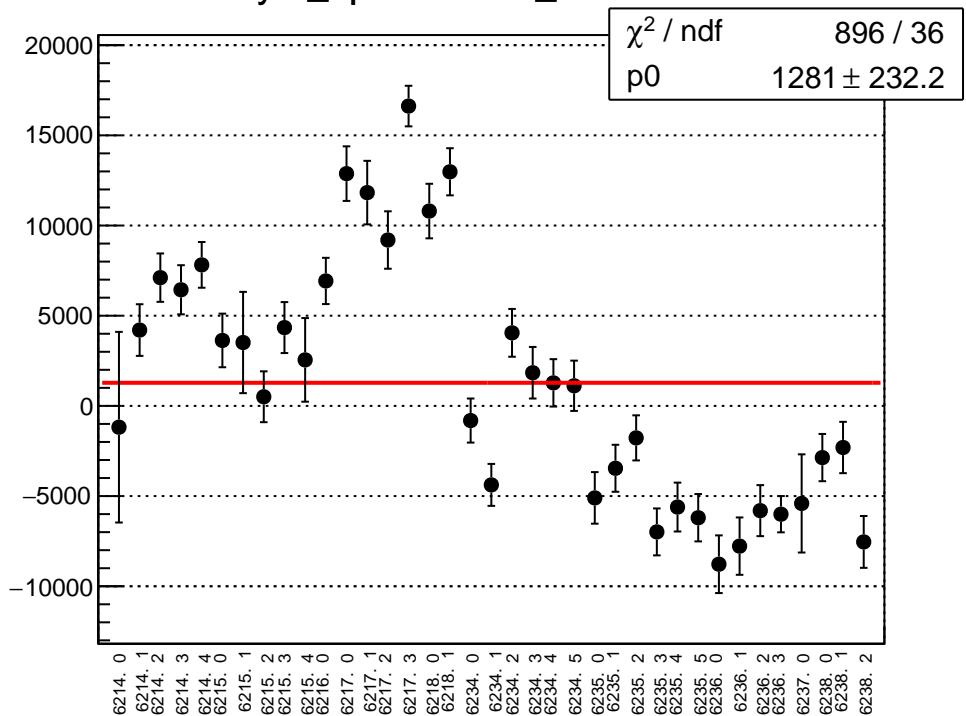
asym_bcm0l02_mean vs run



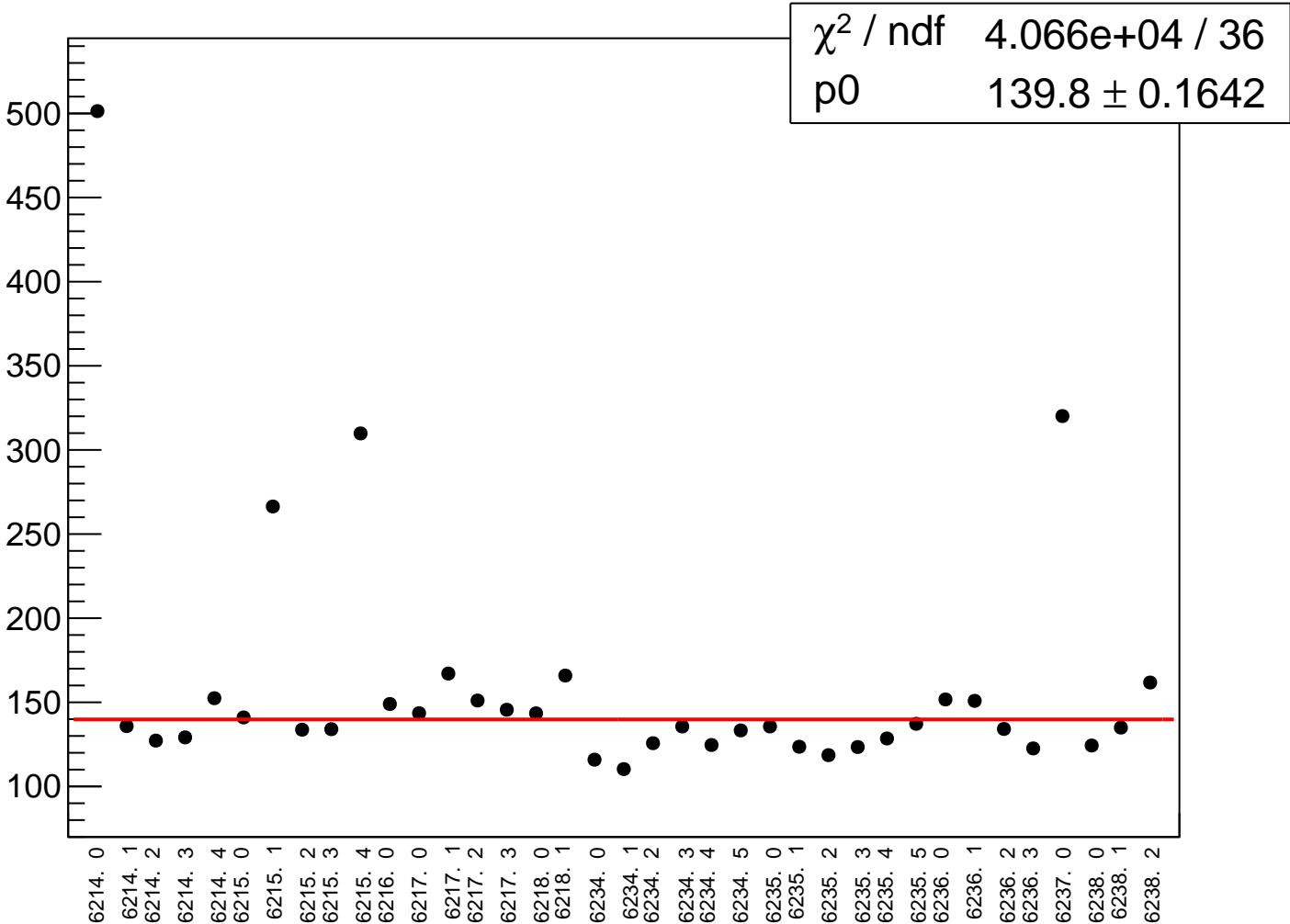
asym_bcm0l02_rms vs run



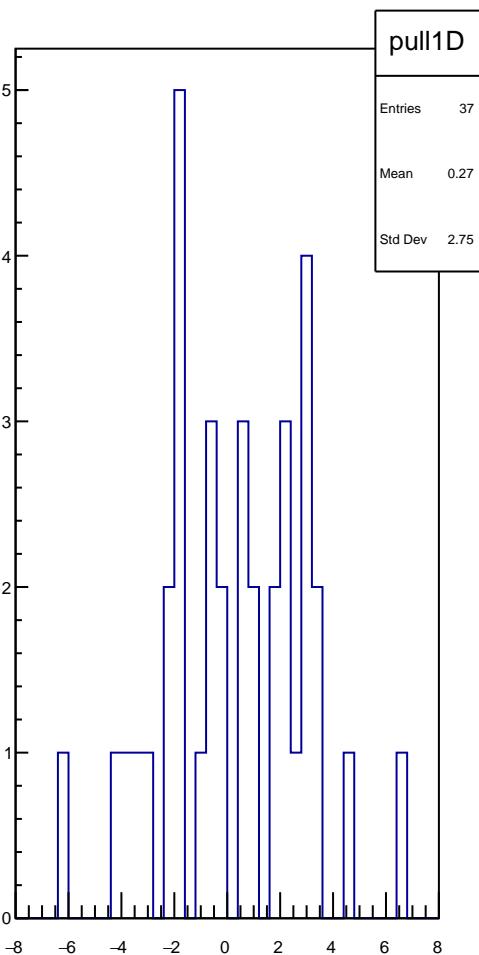
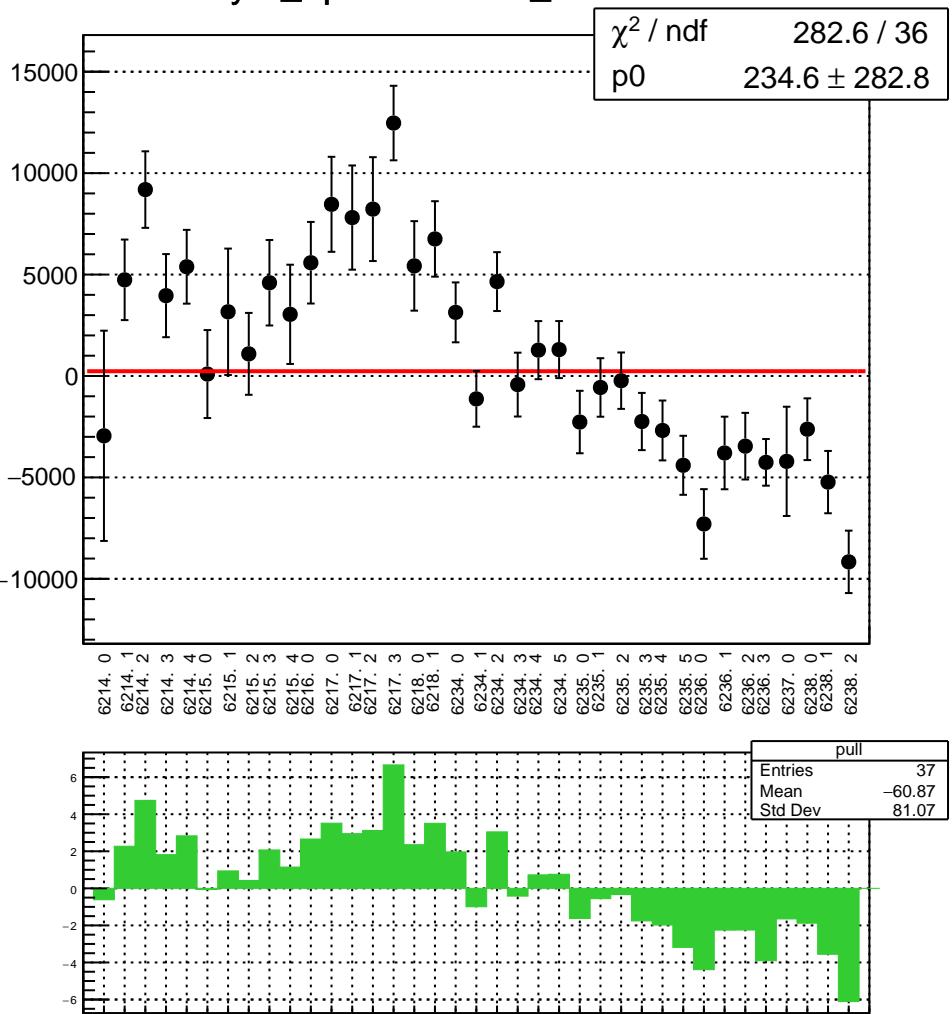
asym_bpm0i02WS_mean vs run



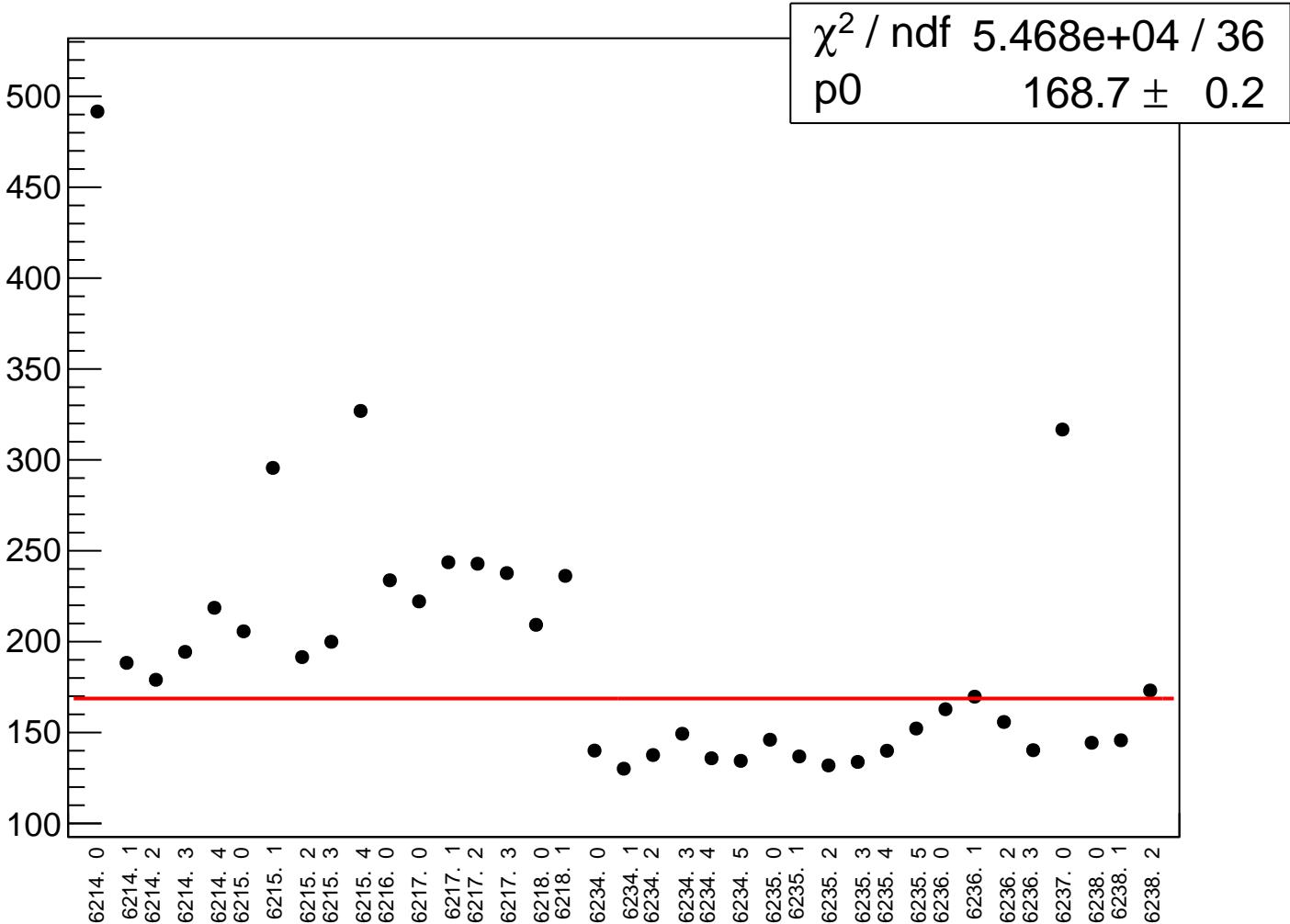
asym_bpm0i02WS_rms vs run



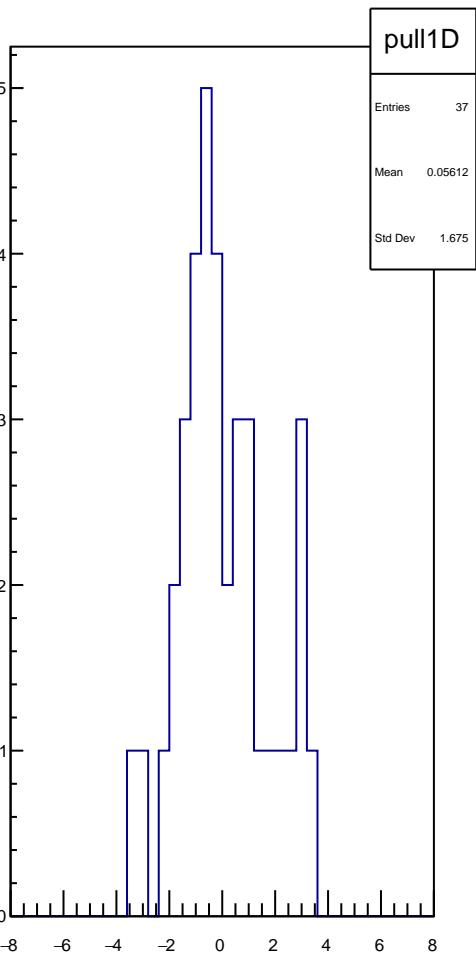
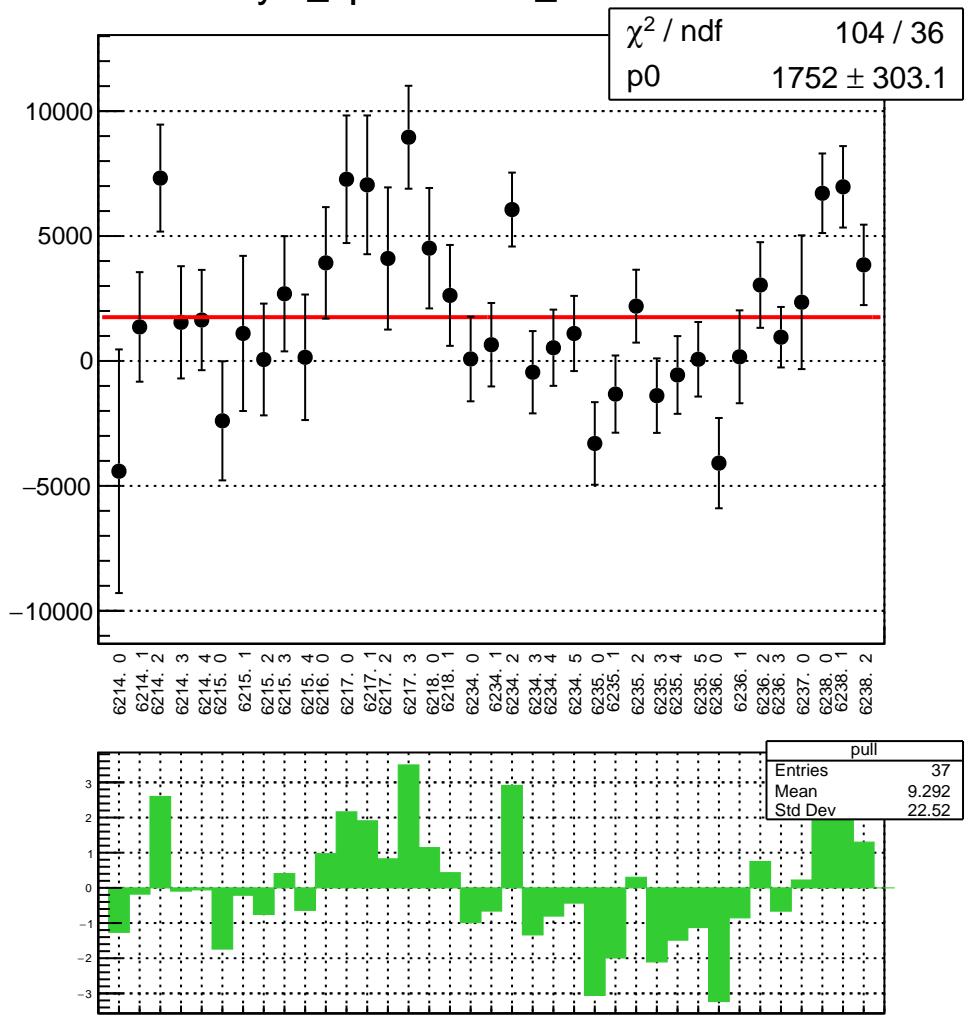
asym_bpm0i02aWS_mean vs run



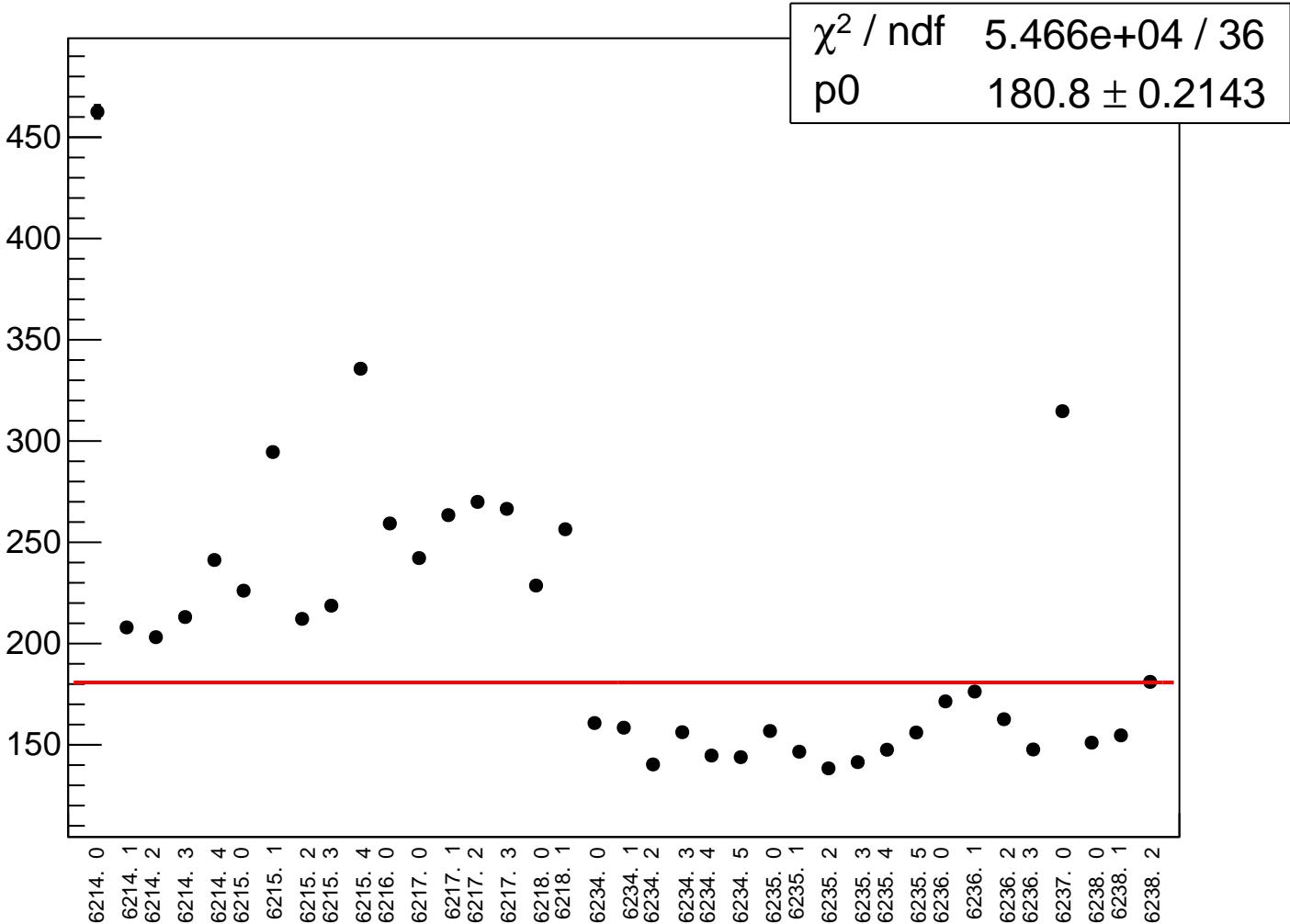
asym_bpm0i02aWS_rms vs run



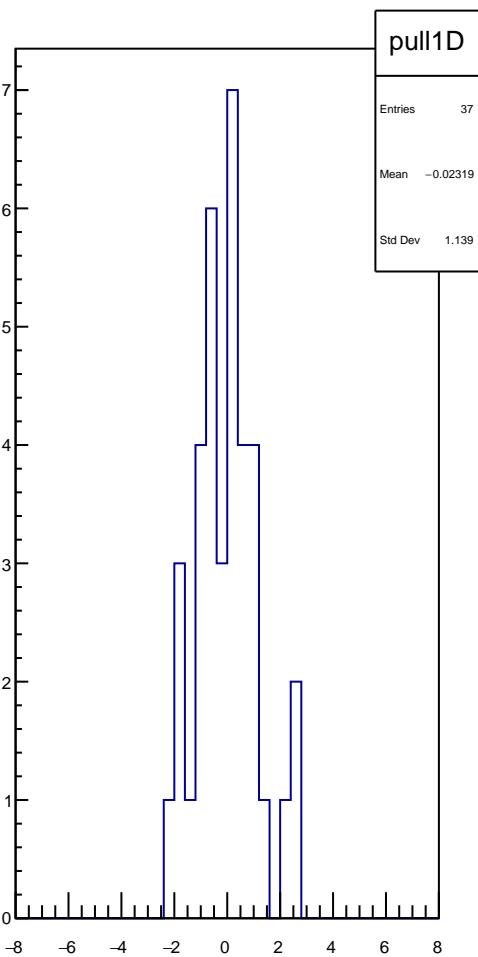
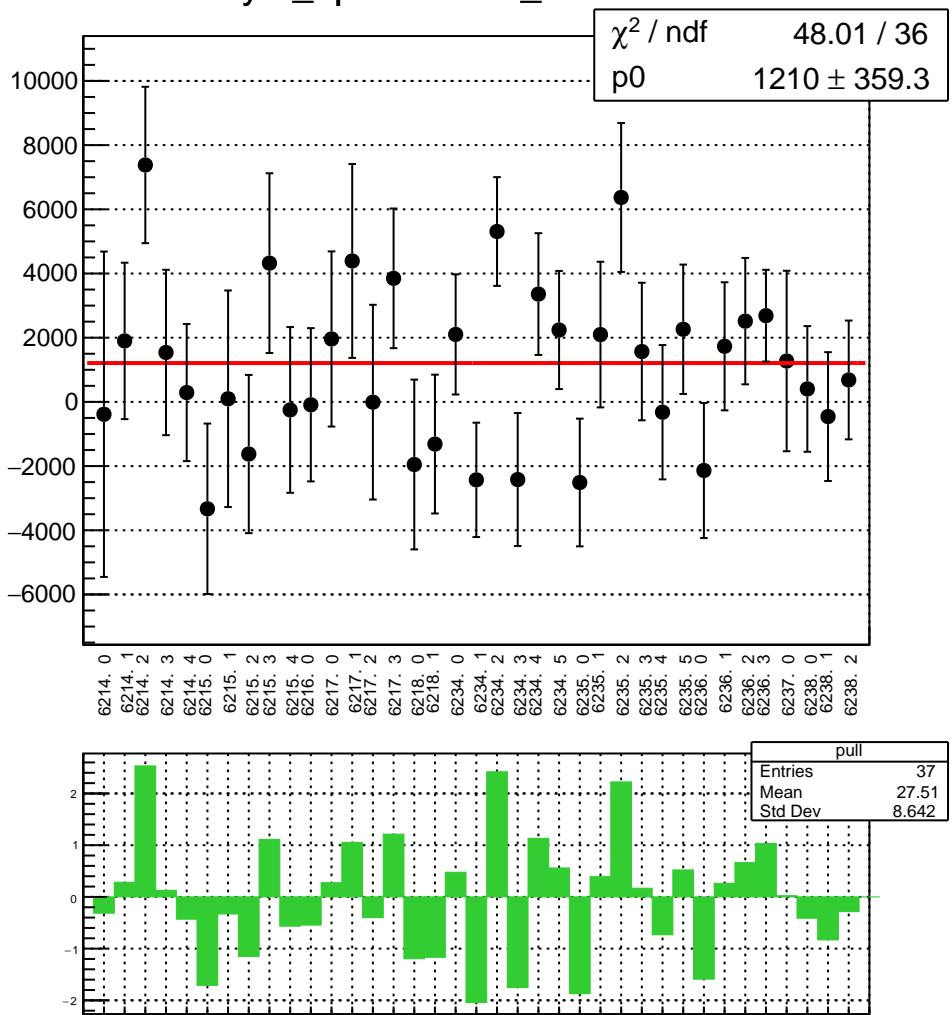
asym_bpm0i05WS_mean vs run



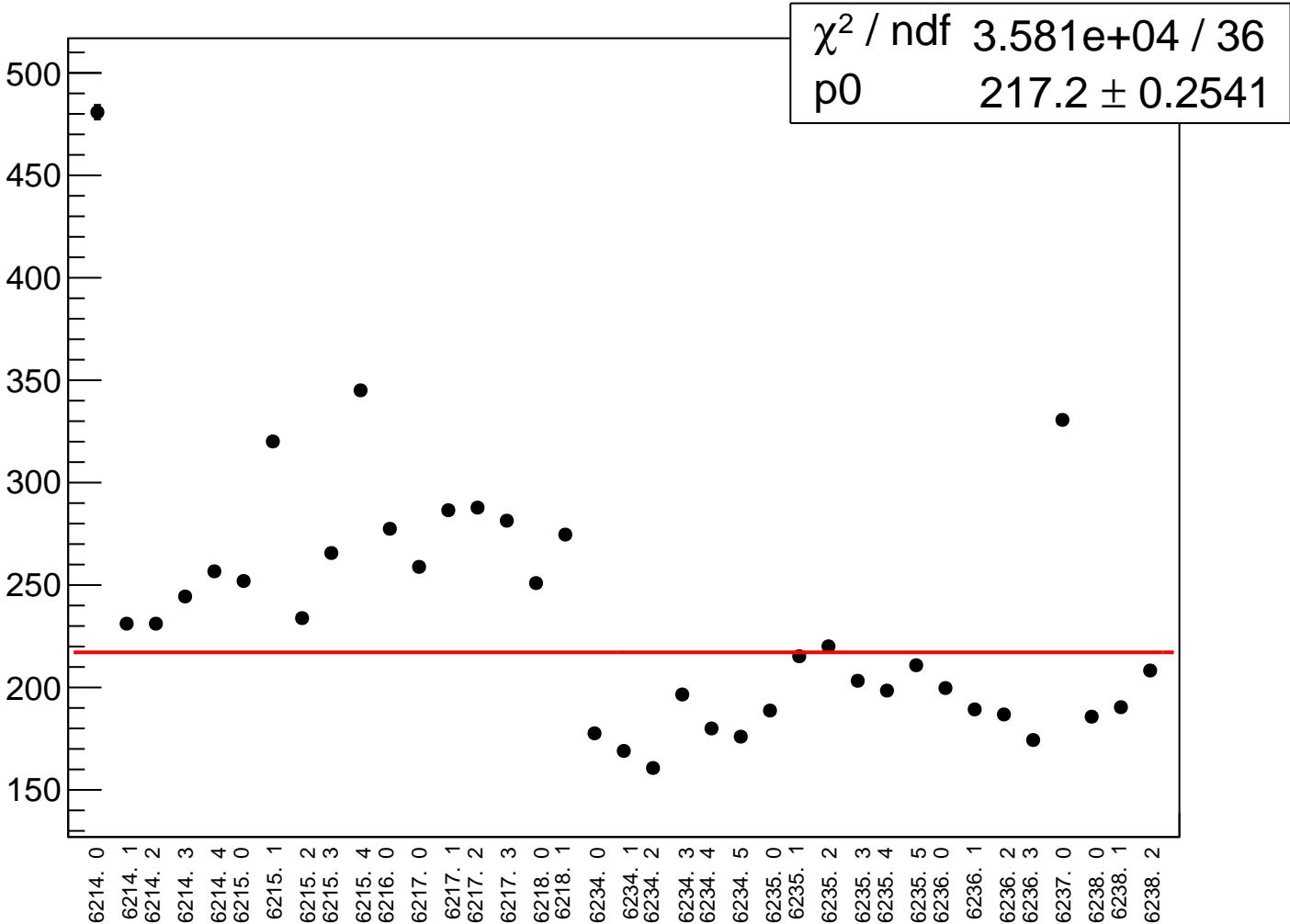
asym_bpm0i05WS_rms vs run



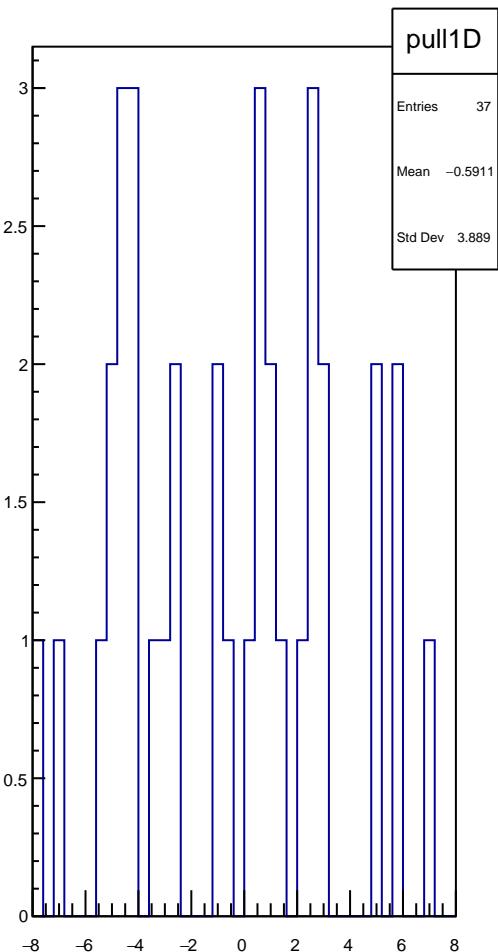
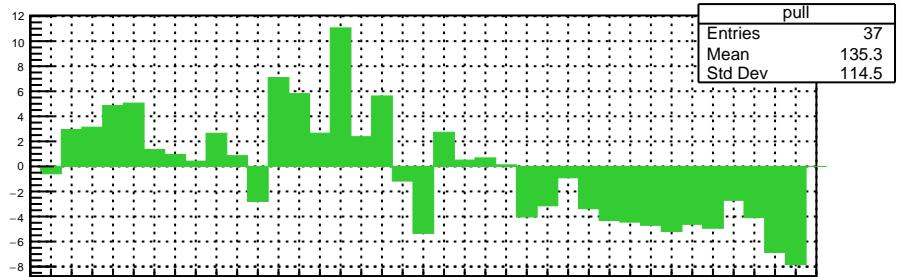
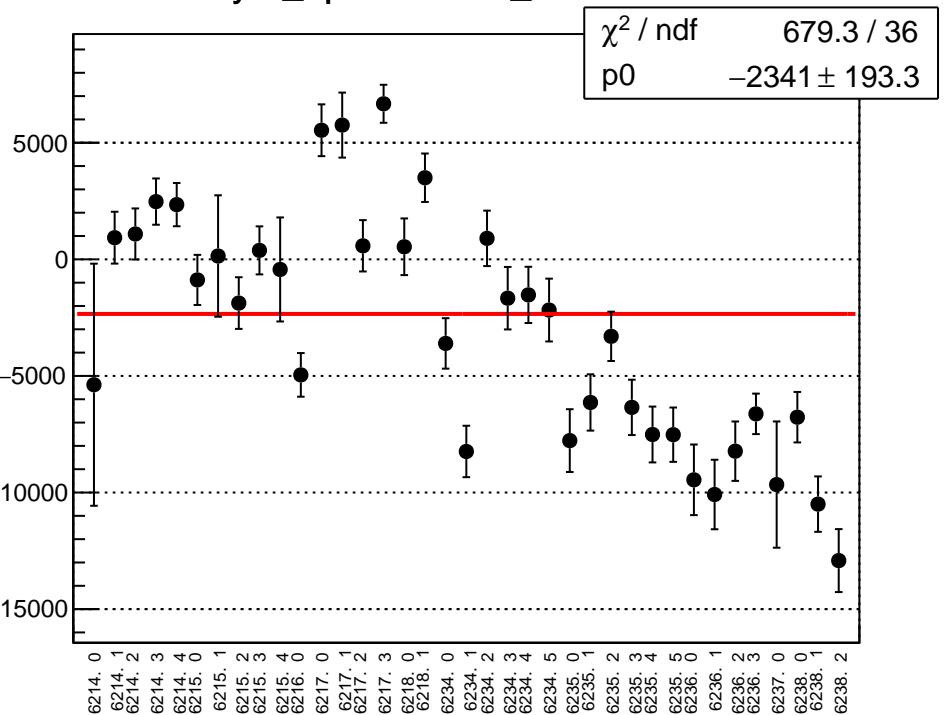
asym_bpm0i07WS_mean vs run



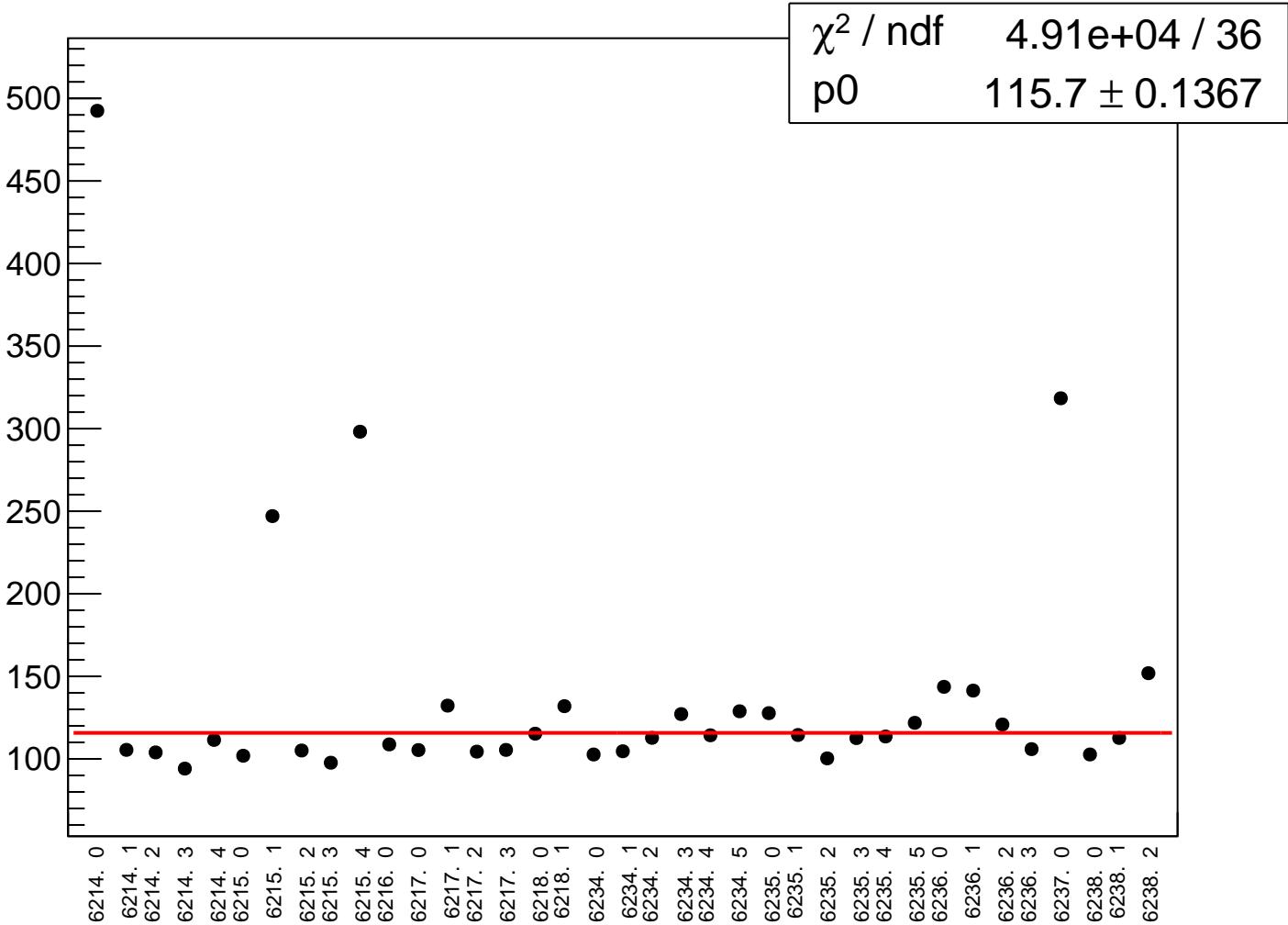
asym_bpm0i07WS_rms vs run



asym_bpm1i02WS_mean vs run

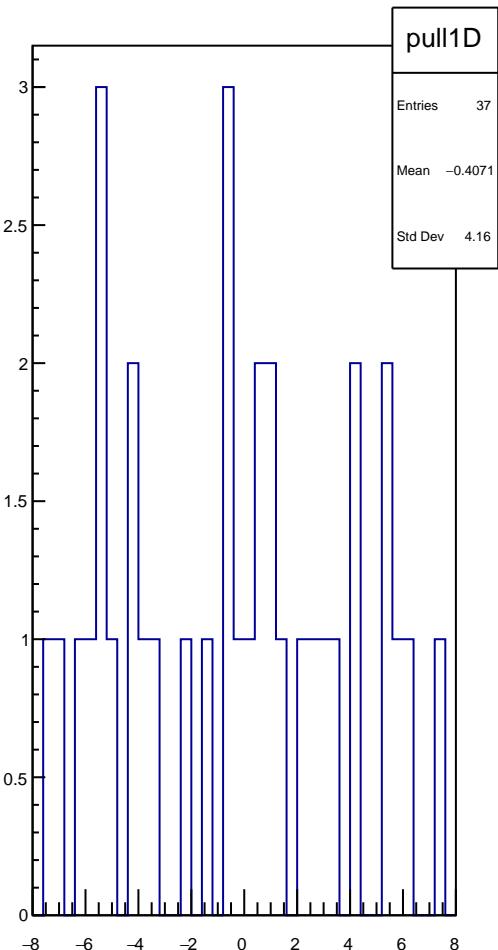
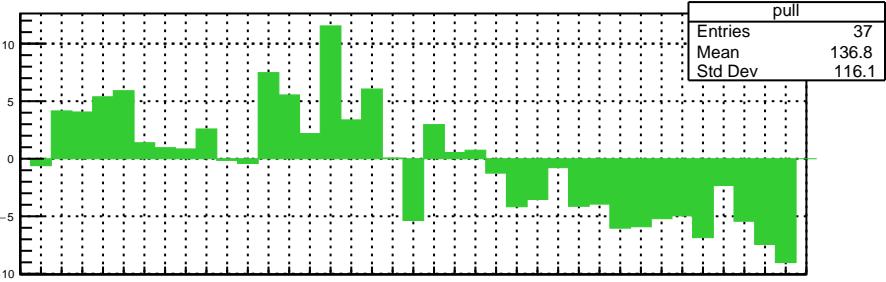
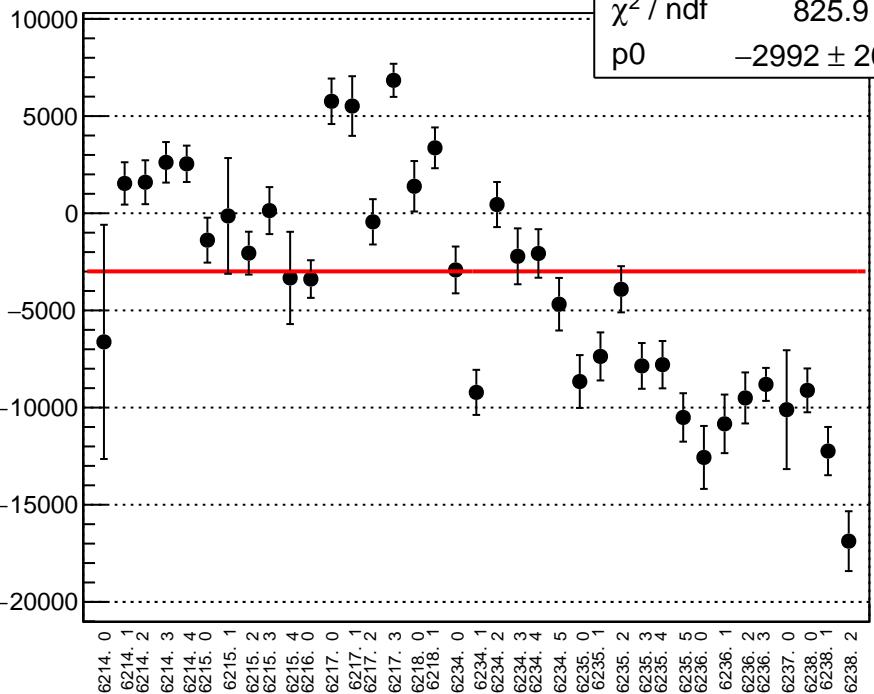


asym_bpm1i02WS_rms vs run



asym_bpm2i01WS_mean vs run

χ^2 / ndf 825.9 / 36
 $p0$ -2992 ± 201.5



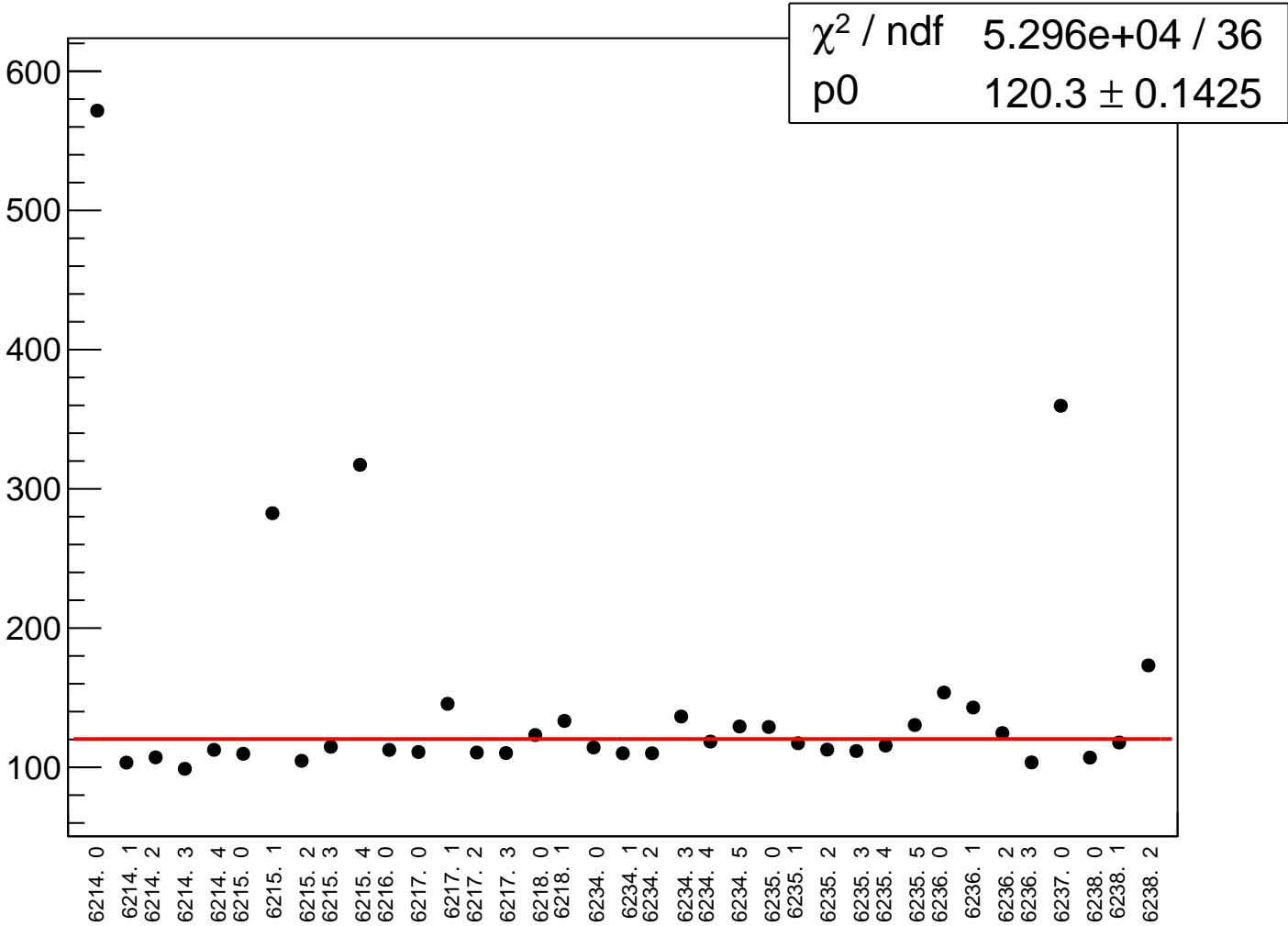
pull1D

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Mean -0.4071

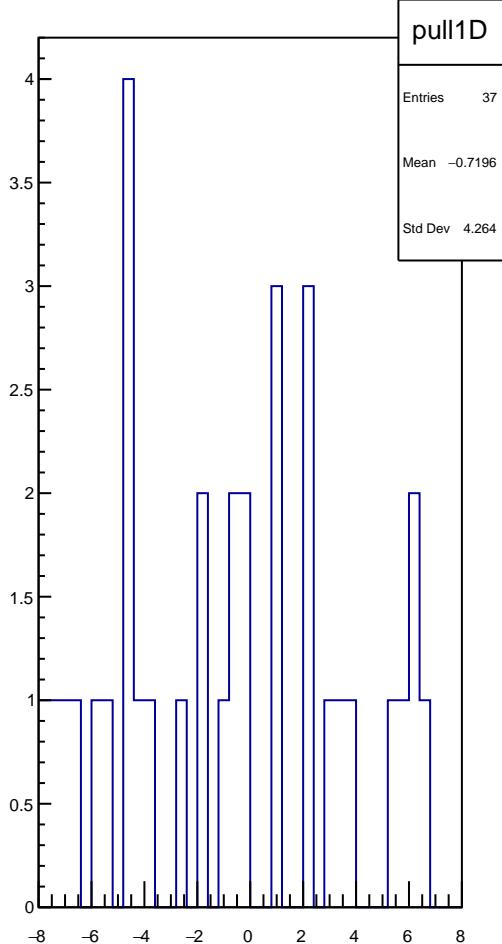
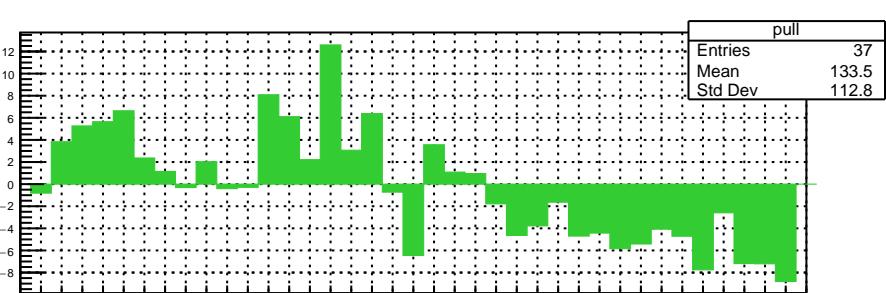
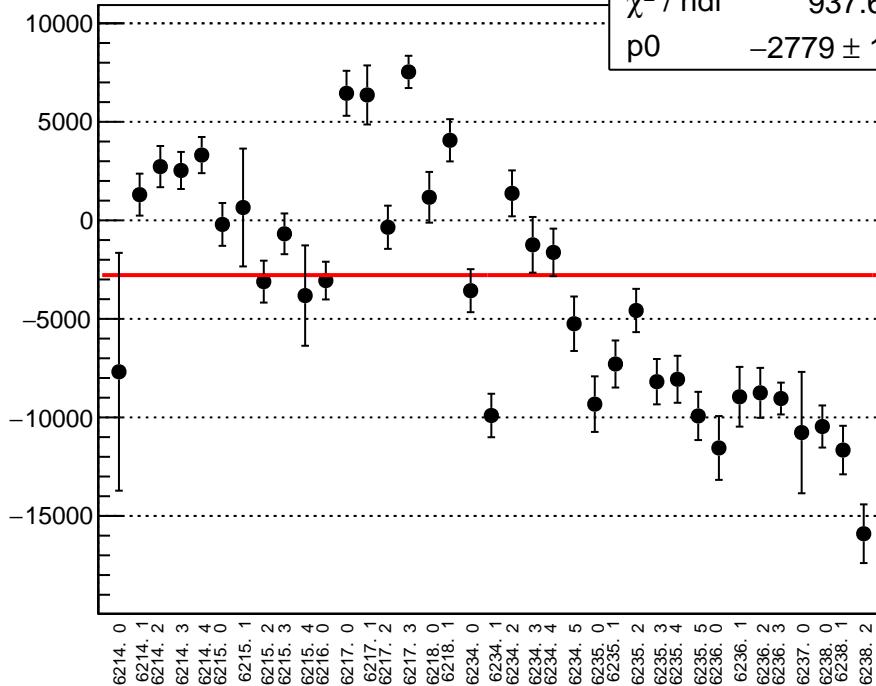
Std Dev 4.16

asym_bpm2i01WS_rms vs run

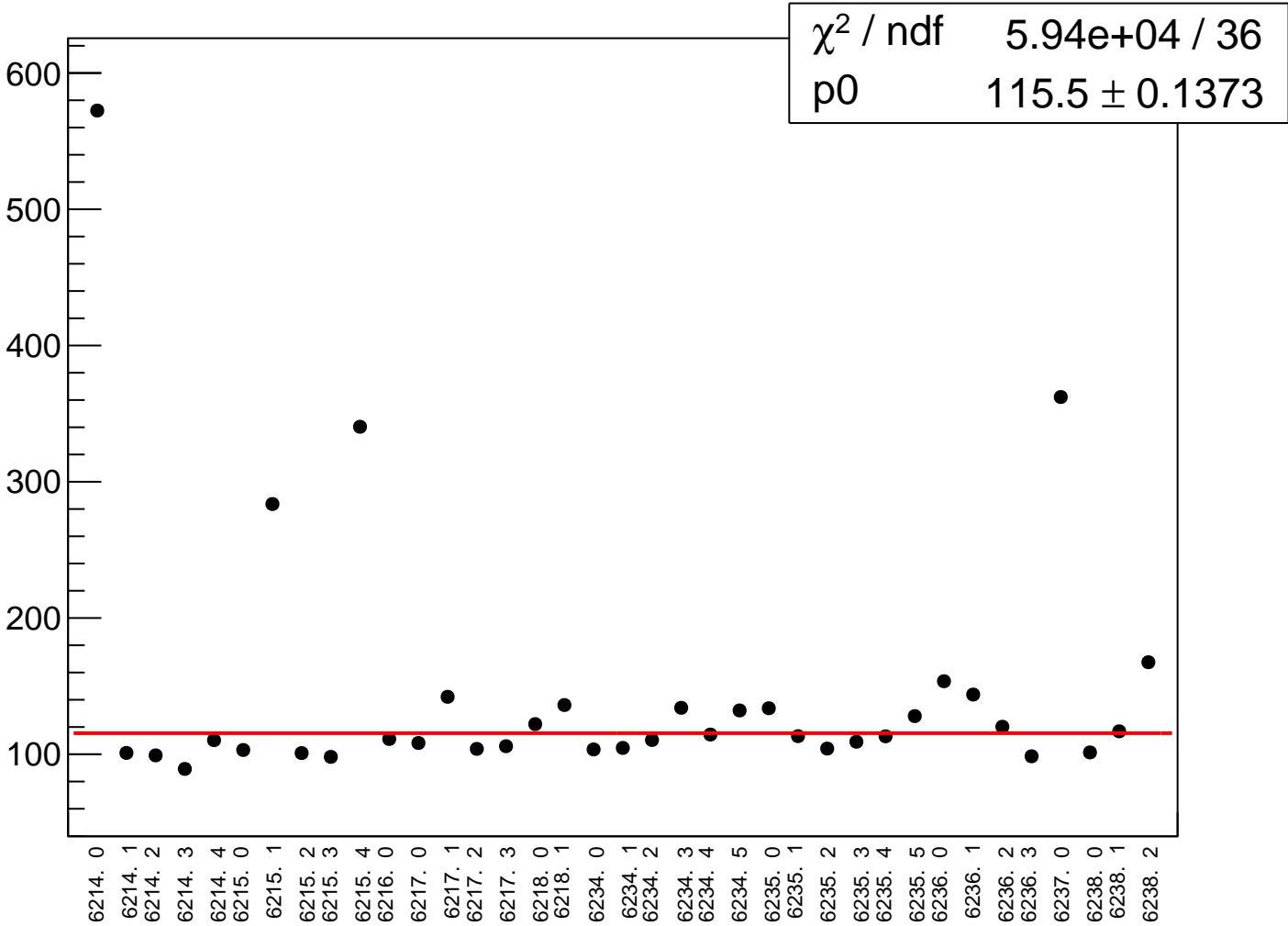


asym_bpm2i02WS_mean vs run

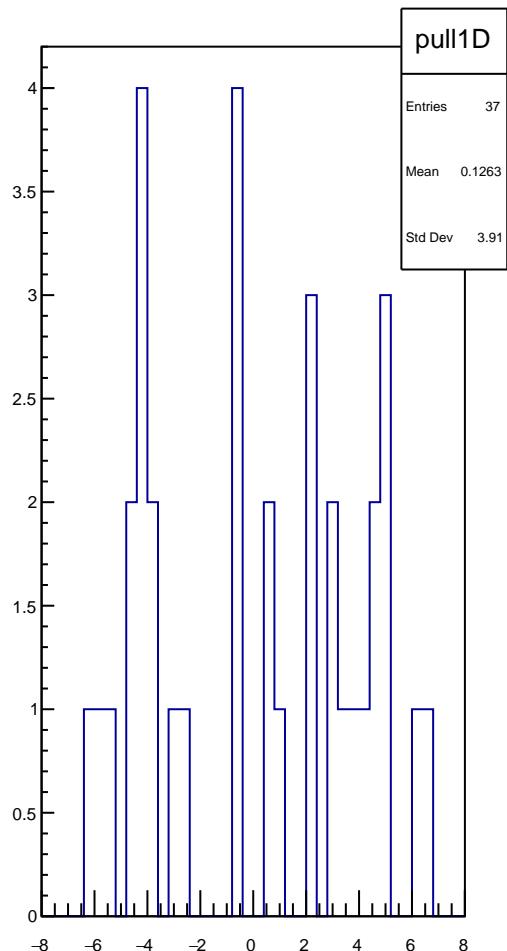
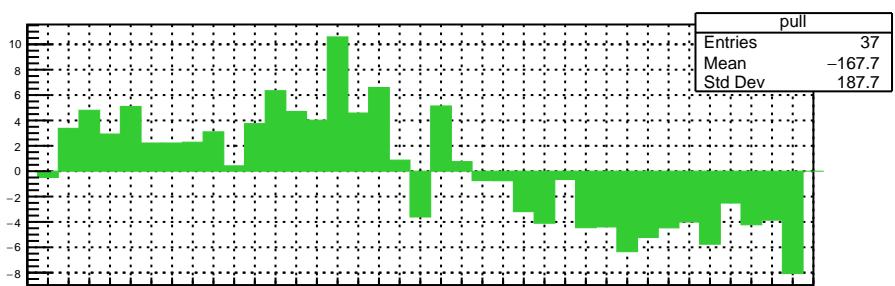
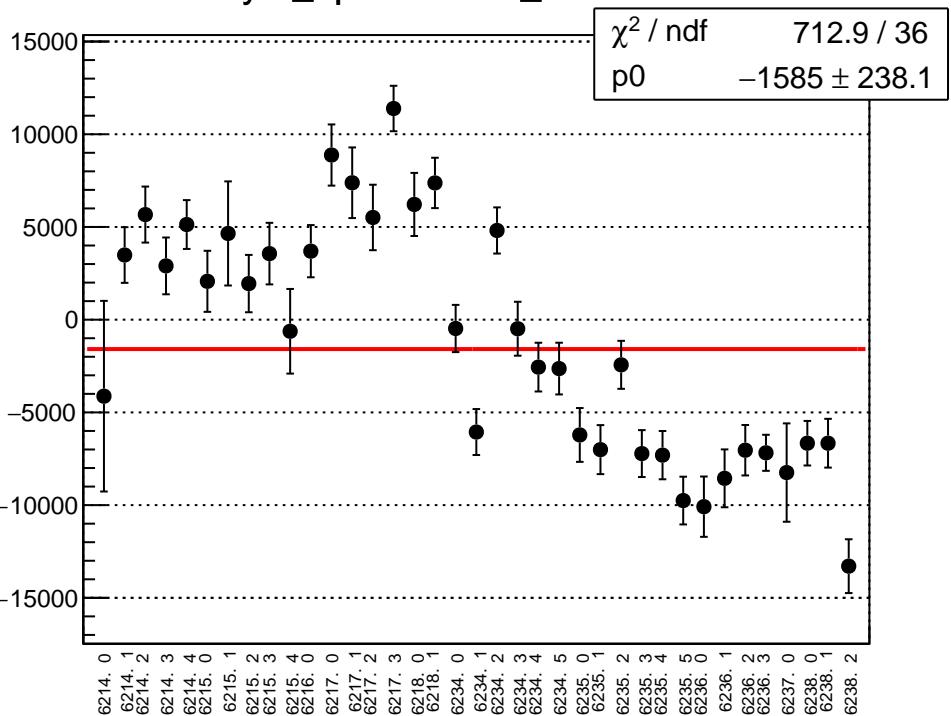
χ^2 / ndf 937.6 / 36
 p_0 -2779 ± 194.2



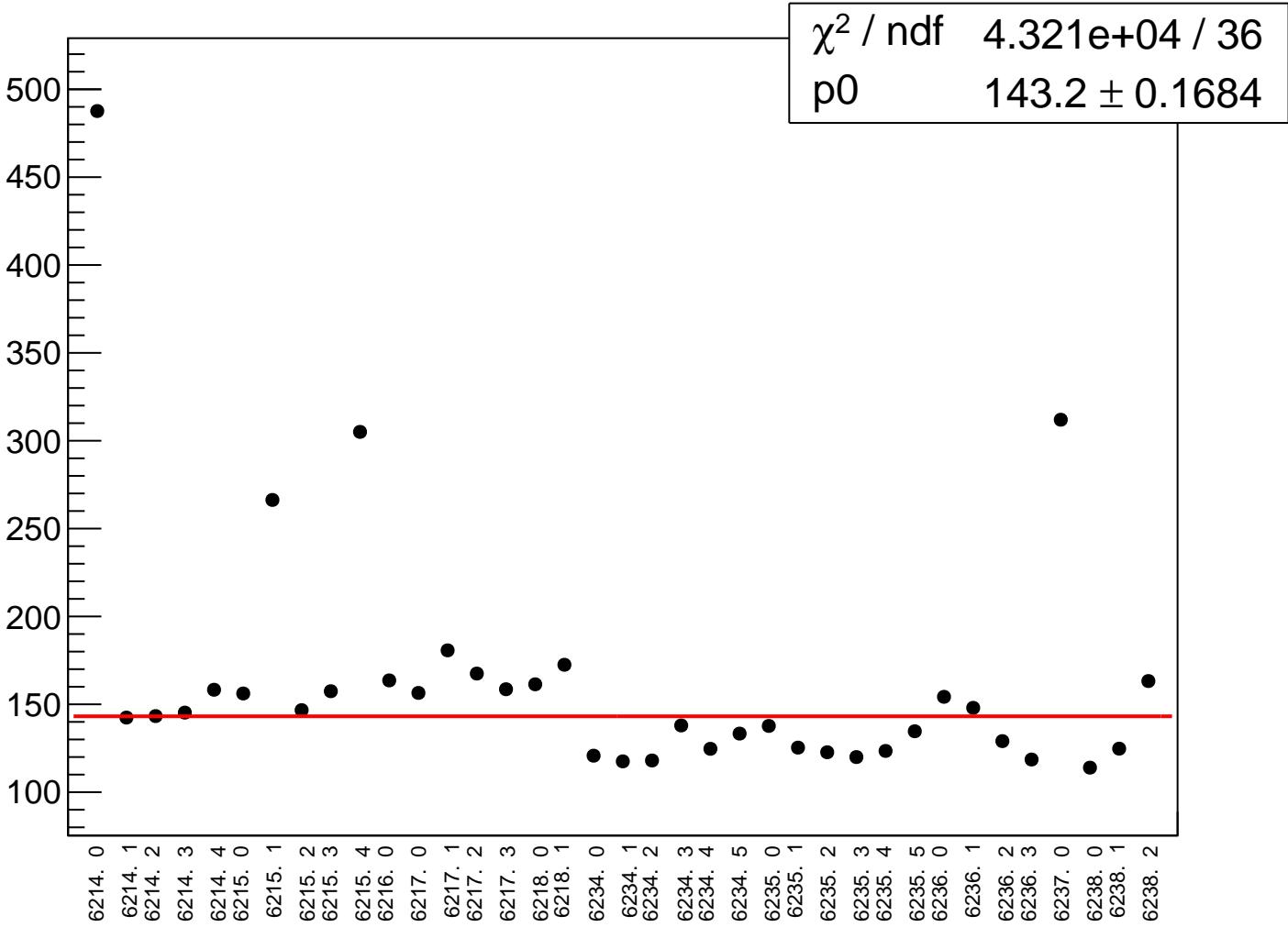
asym_bpm2i02WS_rms vs run



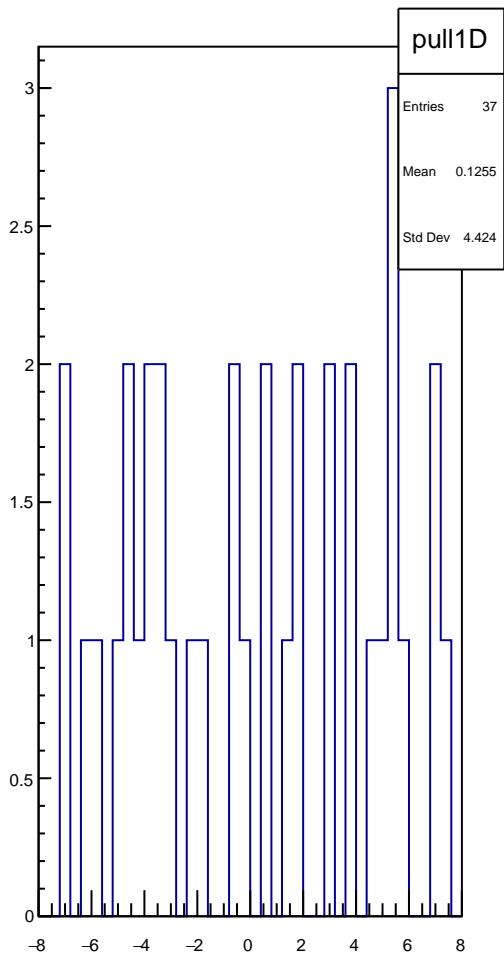
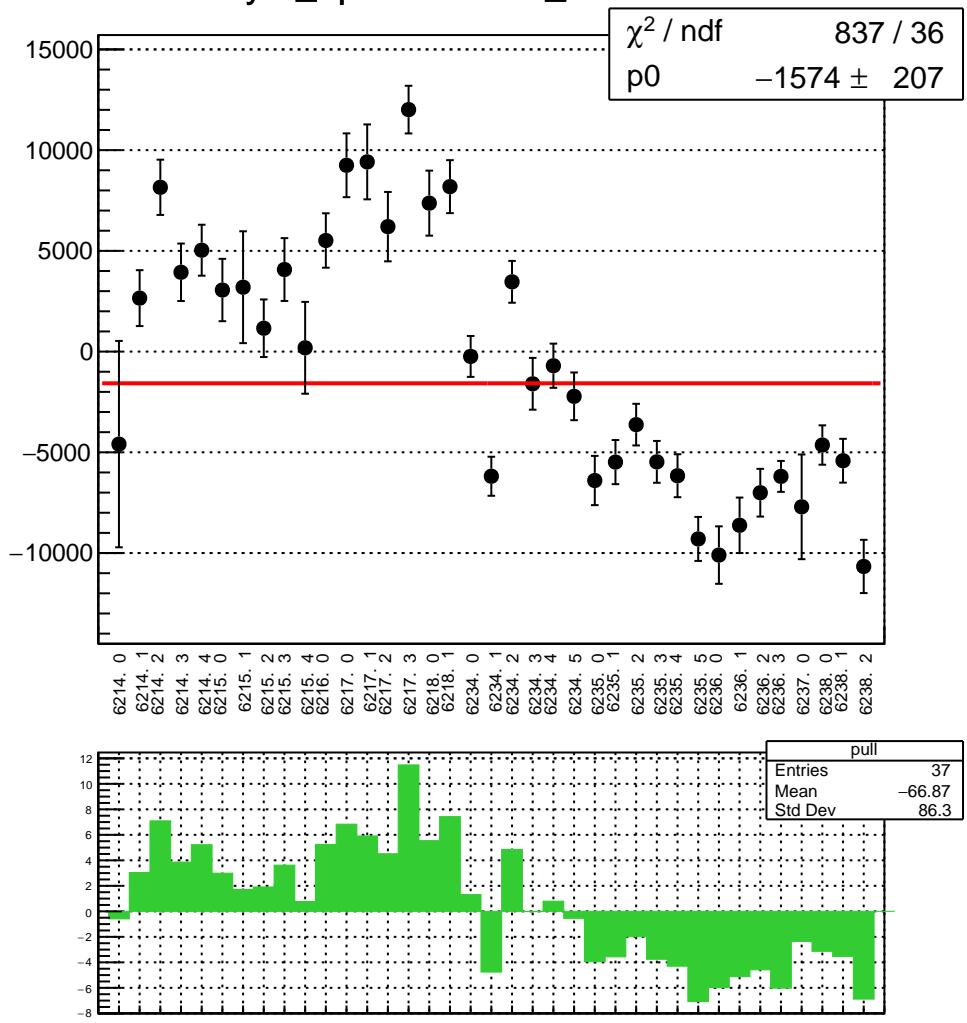
asym_bpm0i01WS_mean vs run



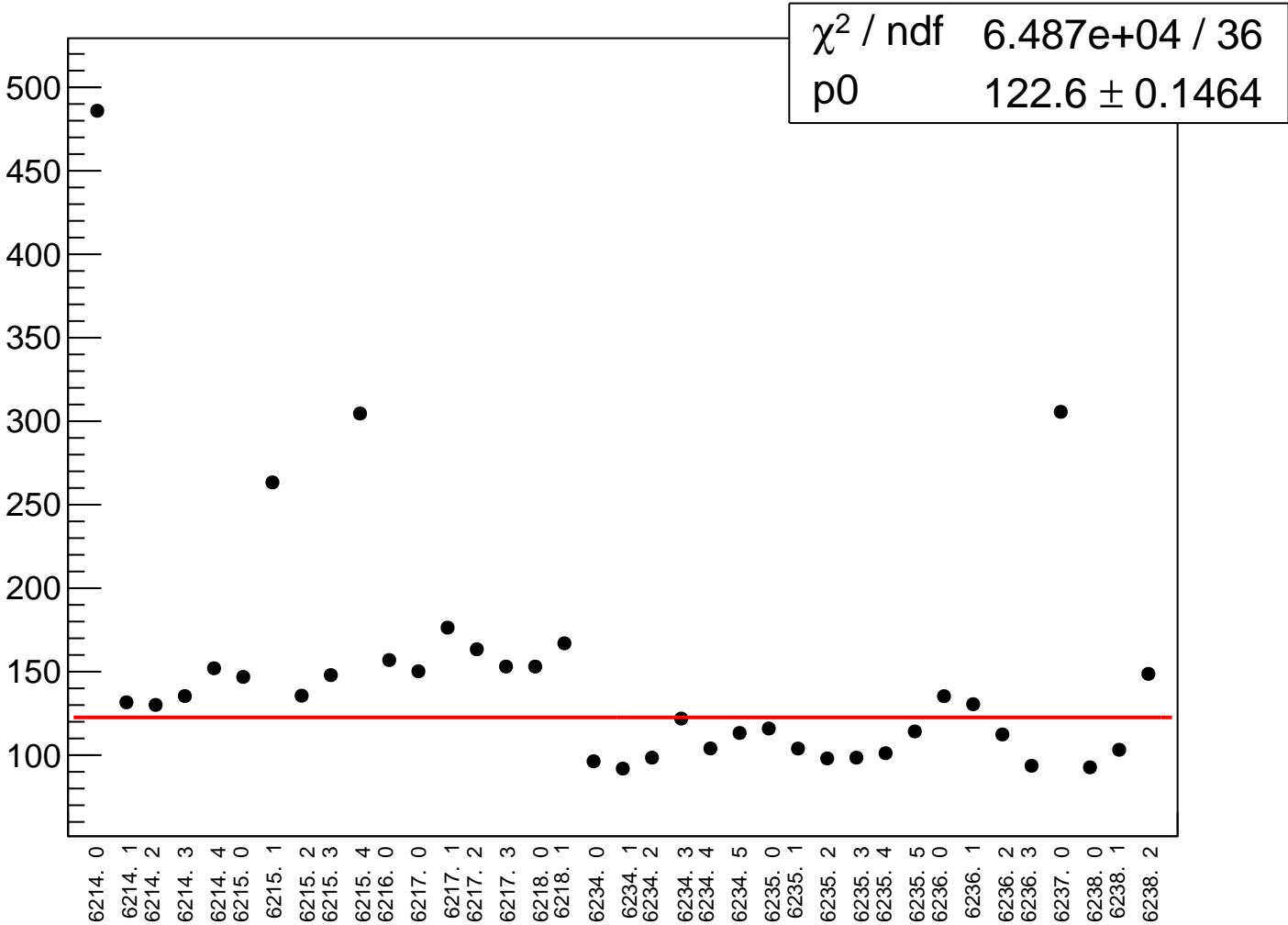
asym_bpm0i01WS_rms vs run



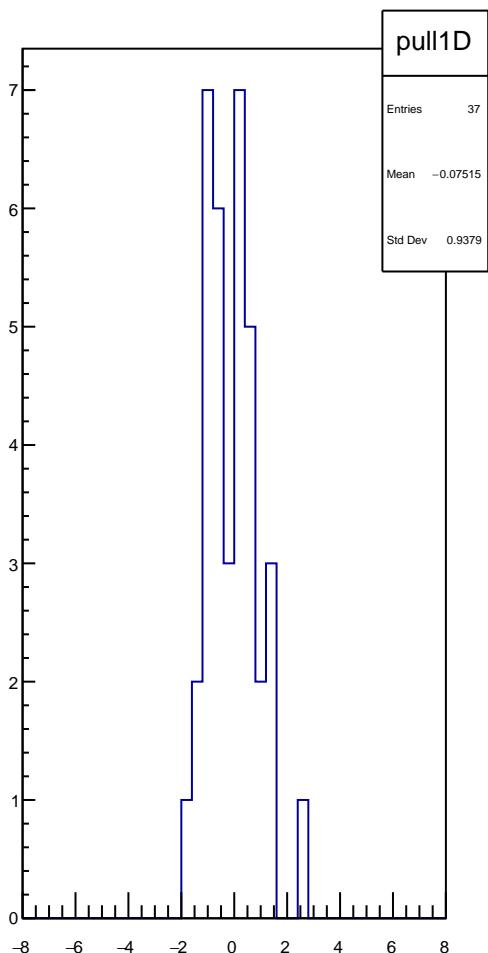
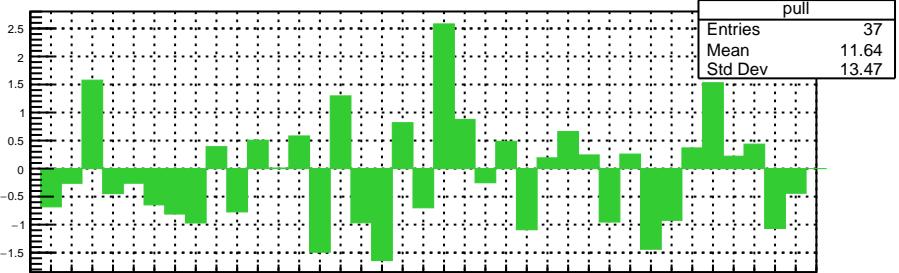
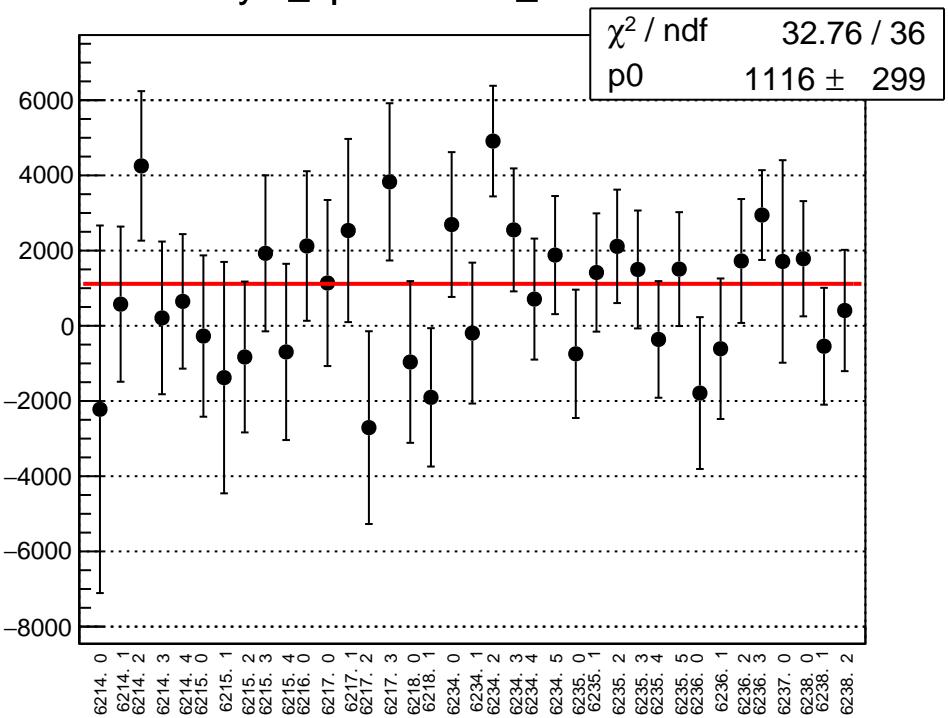
asym_bpm0i01aWS_mean vs run



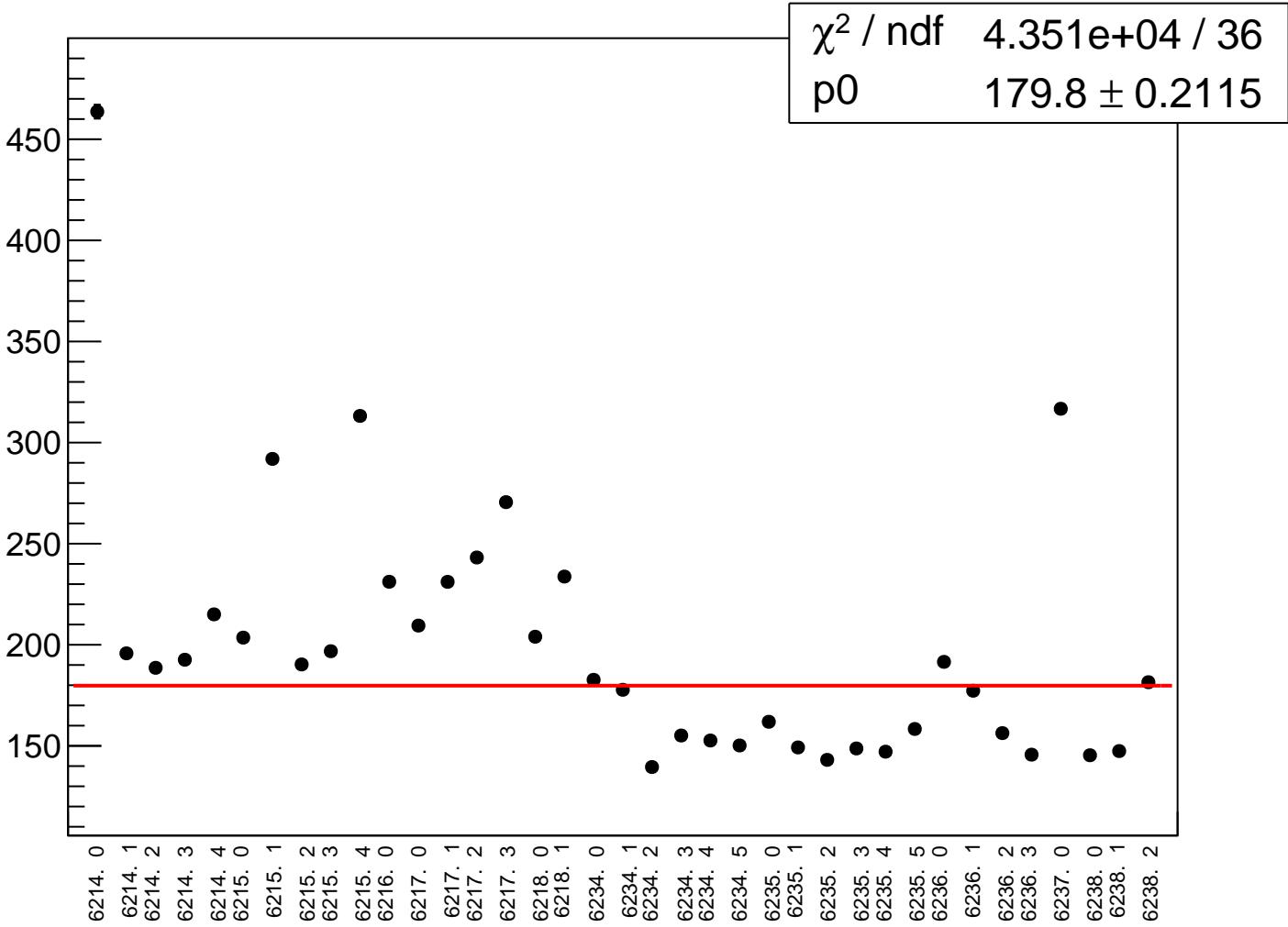
asym_bpm0i01aWS_rms vs run



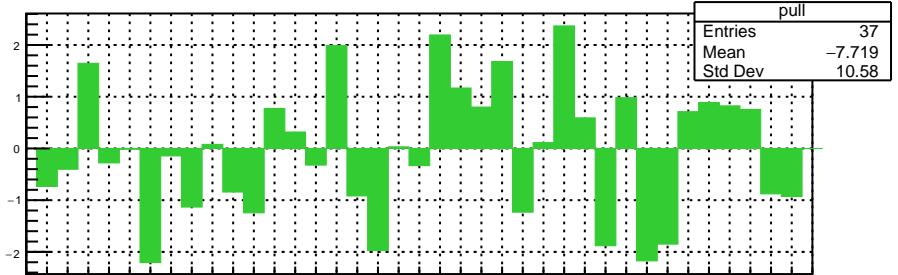
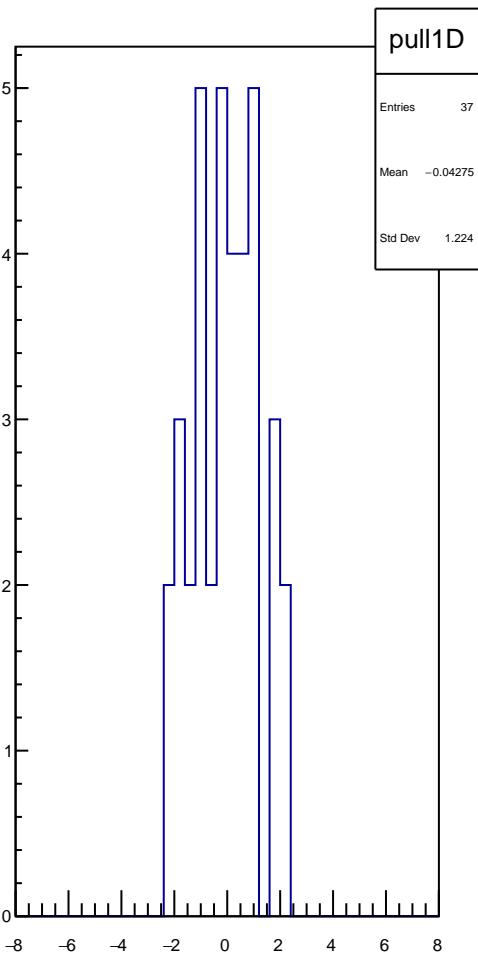
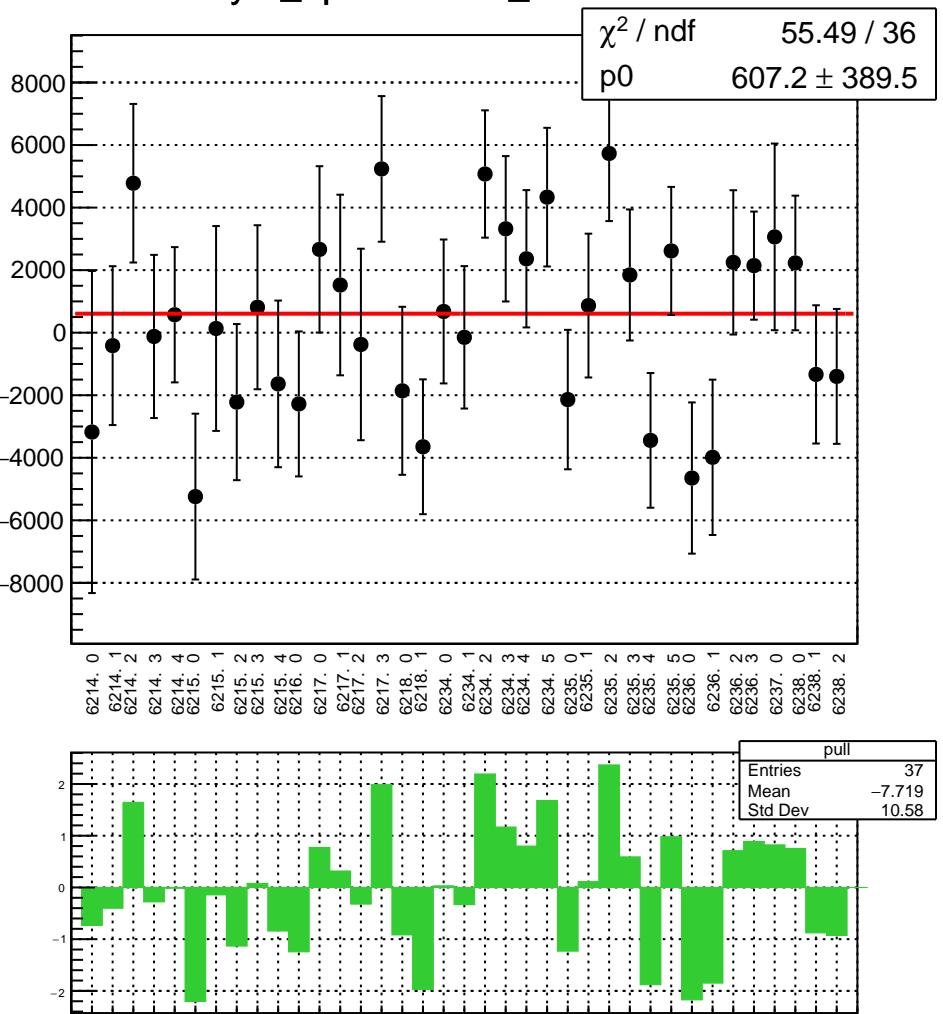
asym_bpm0l01WS_mean vs run



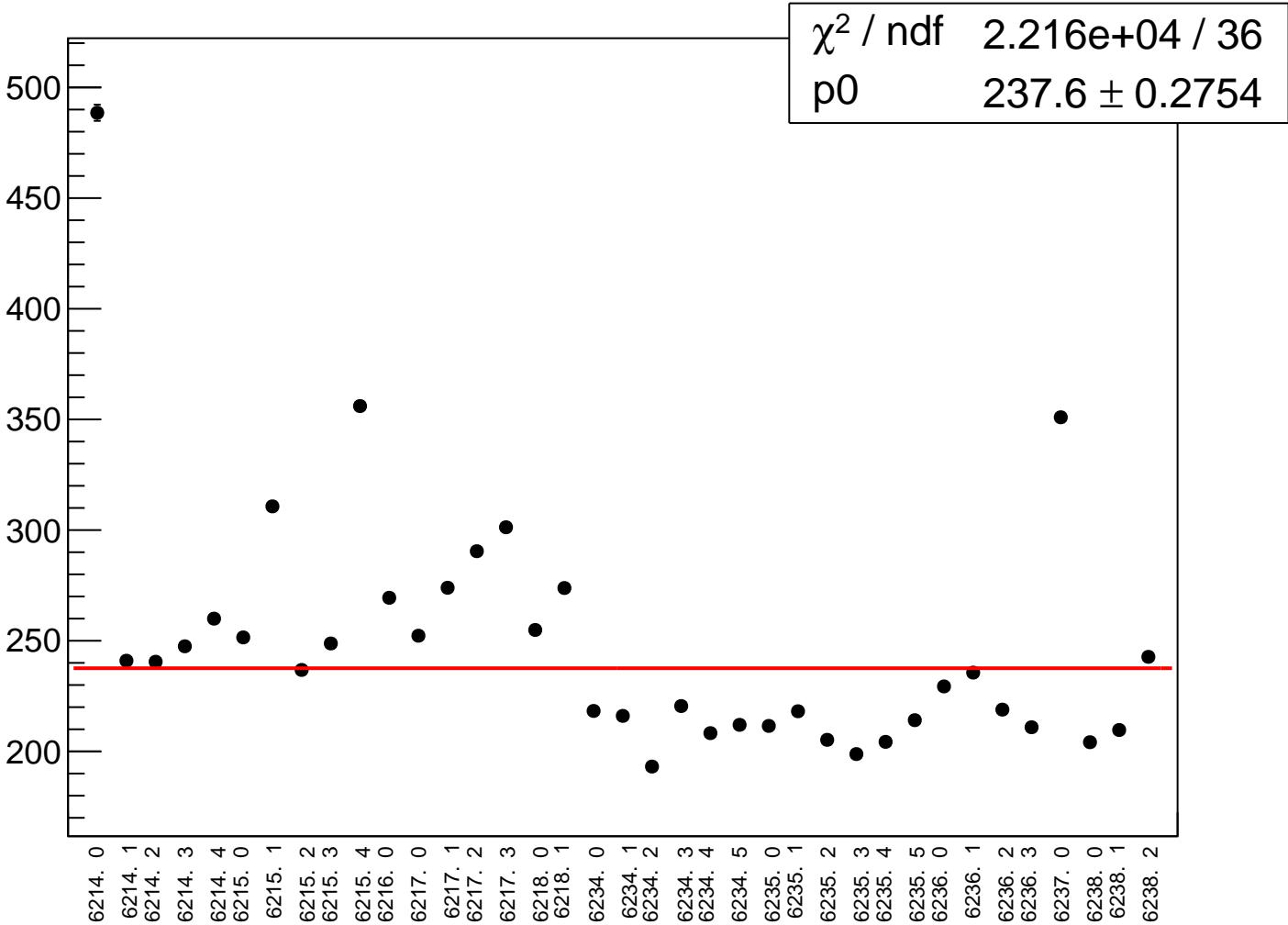
asym_bpm0l01WS_rms vs run



asym_bpm0l02WS_mean vs run



asym_bpm0l02WS_rms vs run



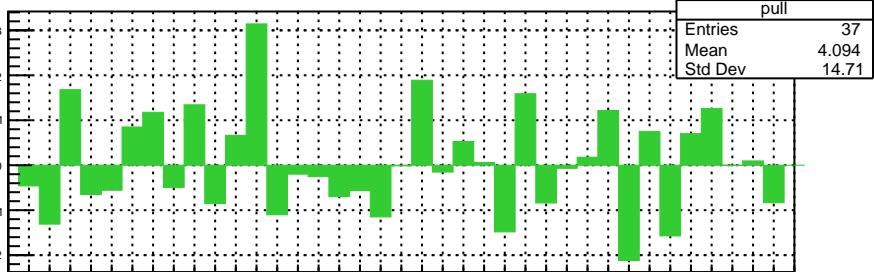
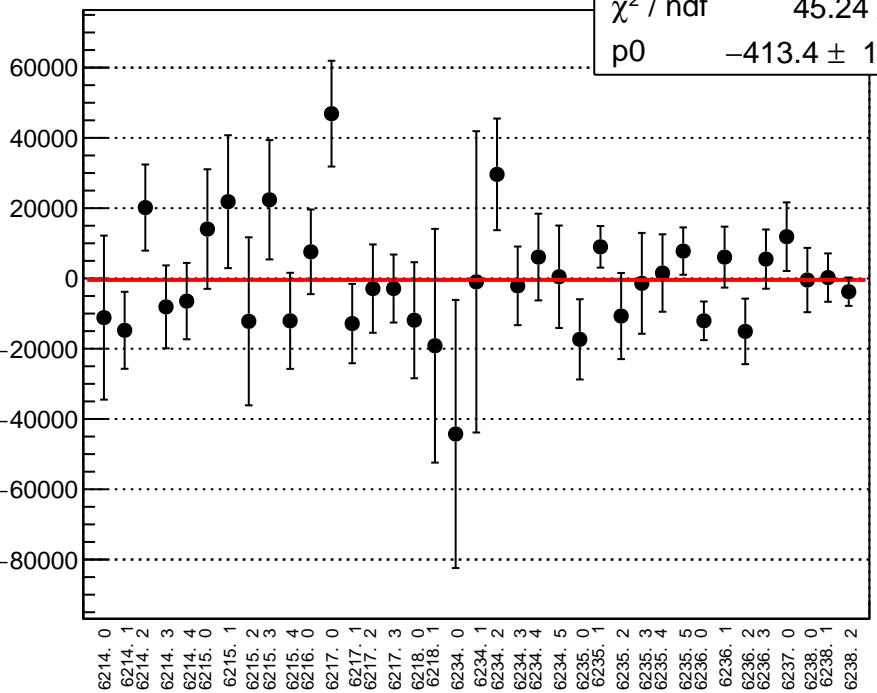
asym_bpm0l03WS_mean vs run

χ^2 / ndf

45.24 / 36

p0

-413.4 ± 1645

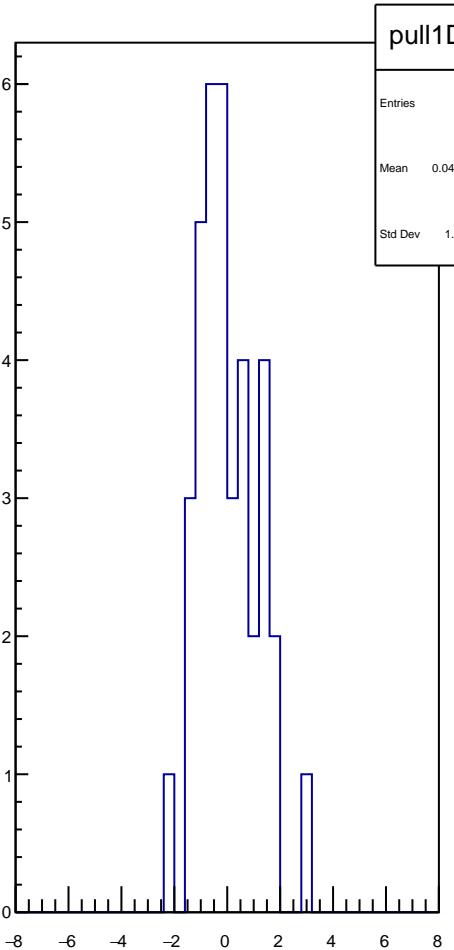


pull1D

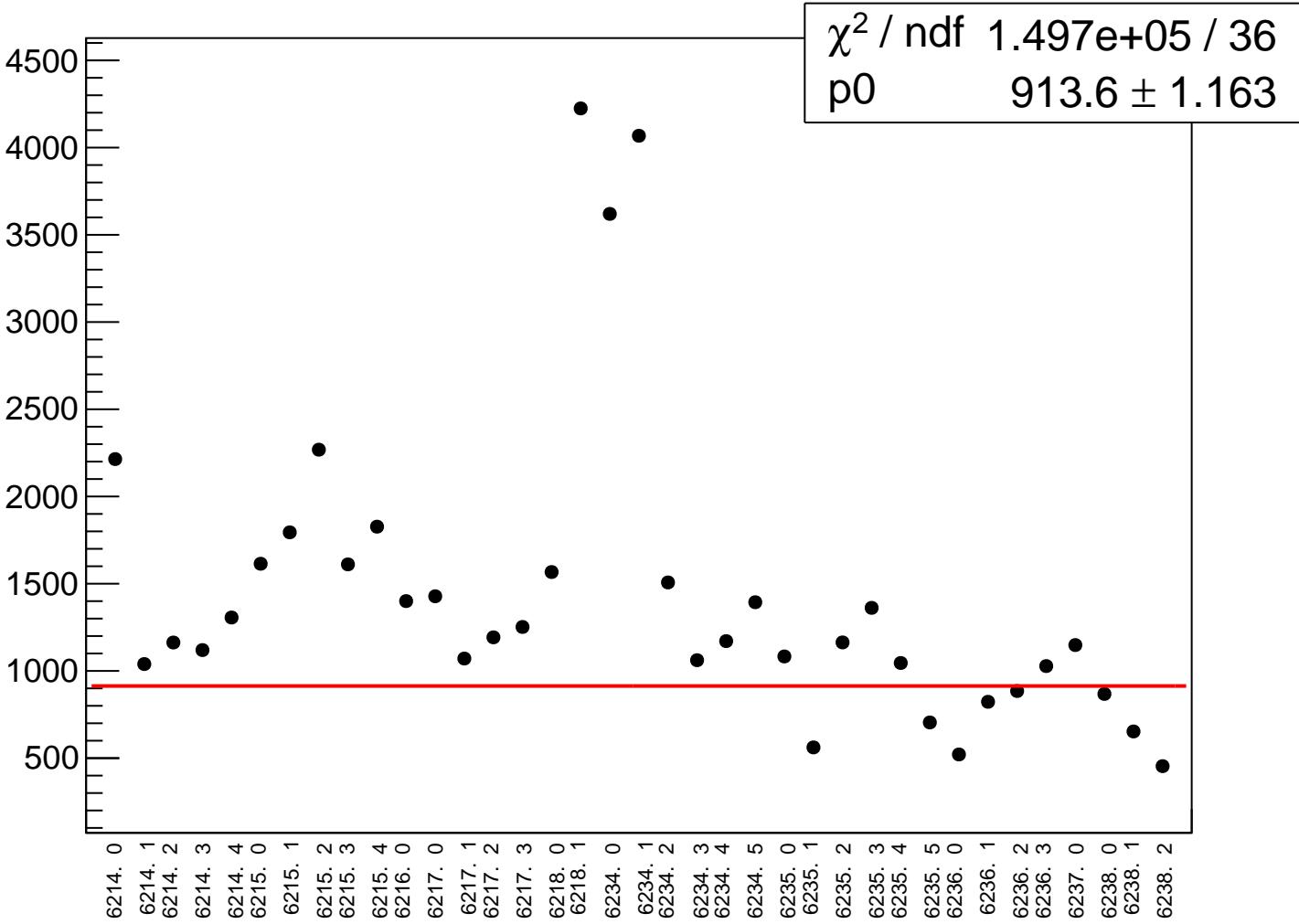
Entries 37

Mean 0.04737

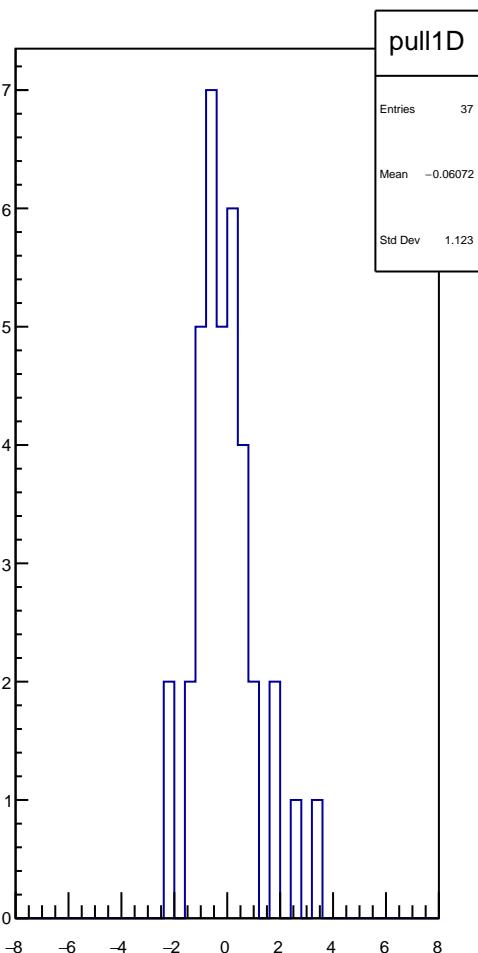
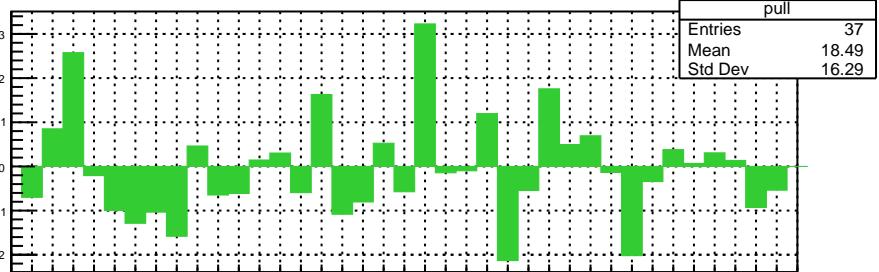
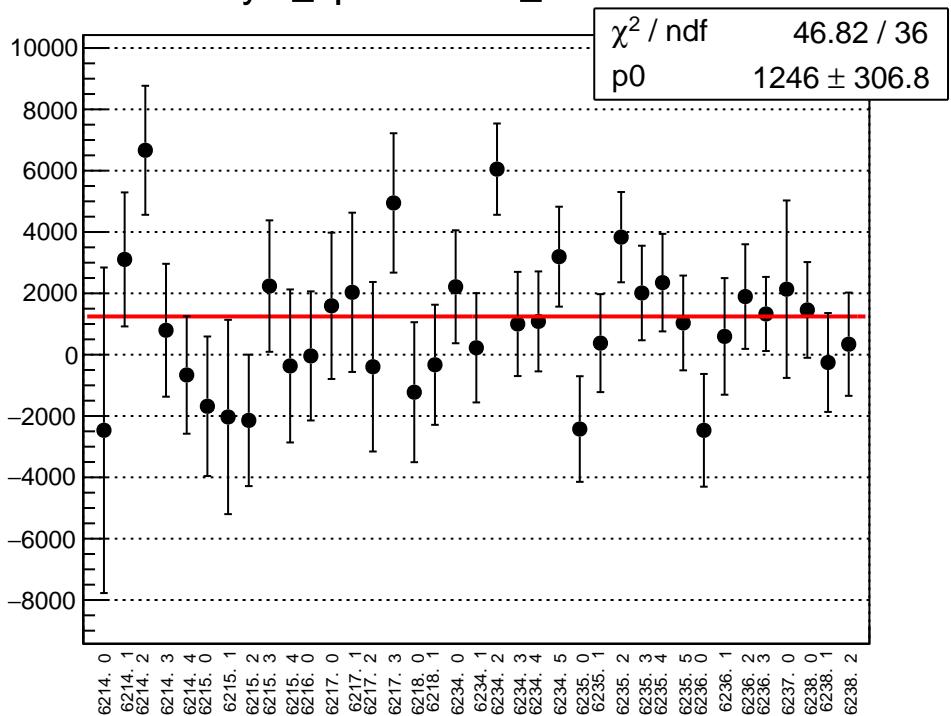
Std Dev 1.105



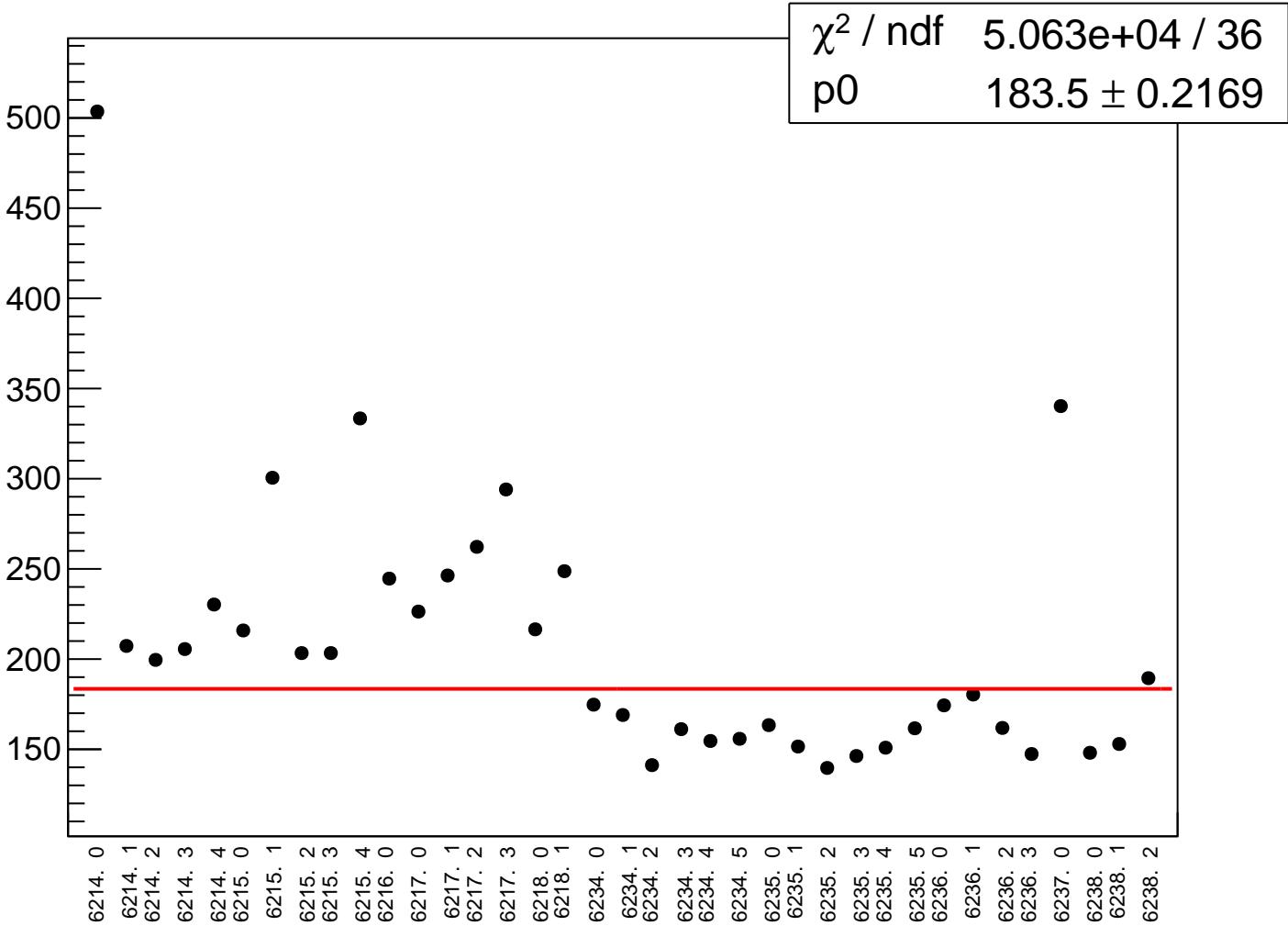
asym_bpm0l03WS_rms vs run



asym_bpm0l04WS_mean vs run



asym_bpm0l04WS_rms vs run

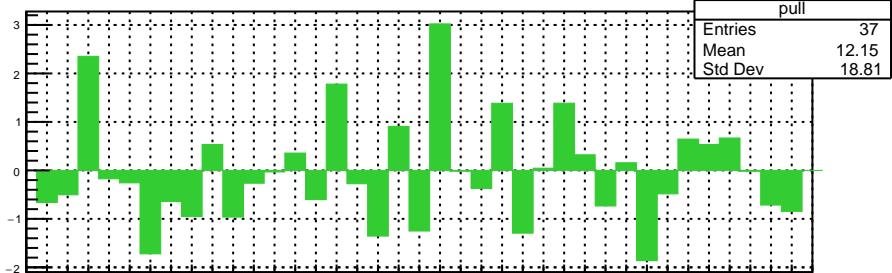
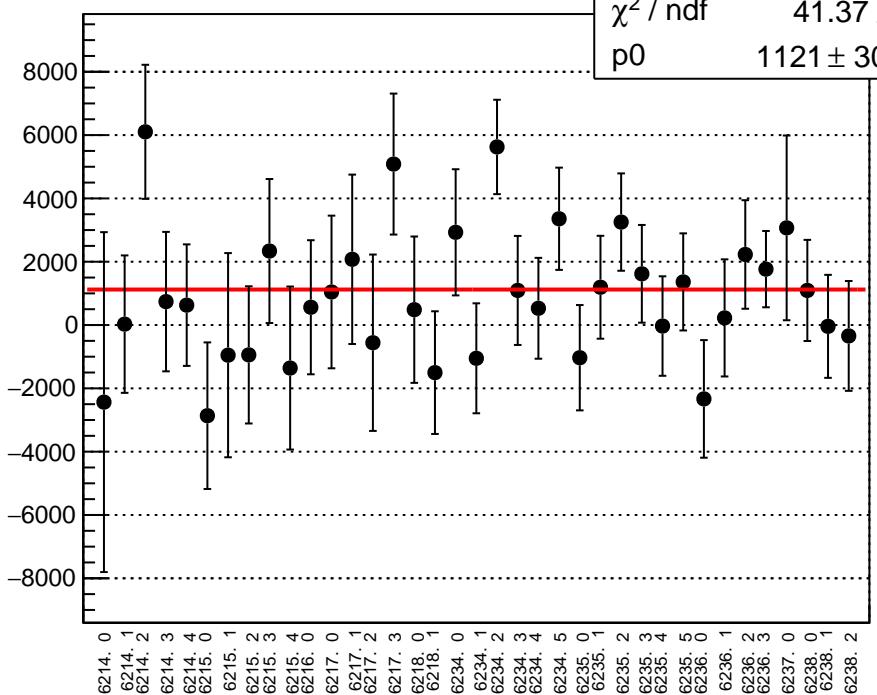


asym_bpm0l05WS_mean vs run

χ^2 / ndf

41.37 / 36

p0 1121 ± 308.7

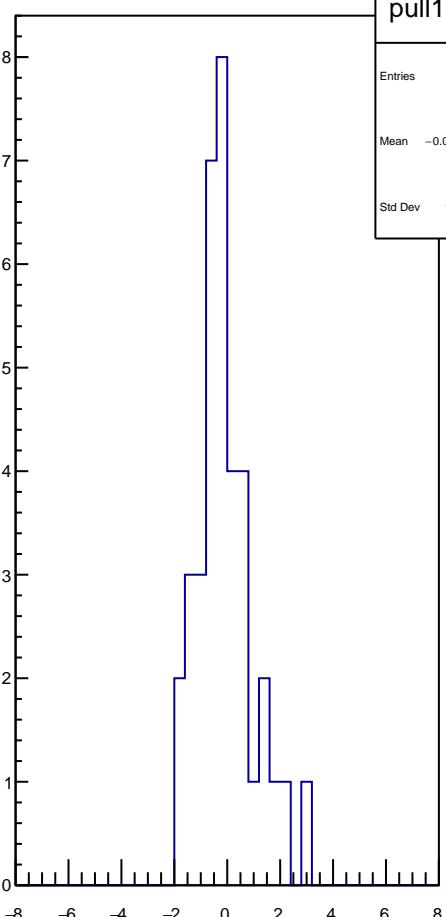


pull1D

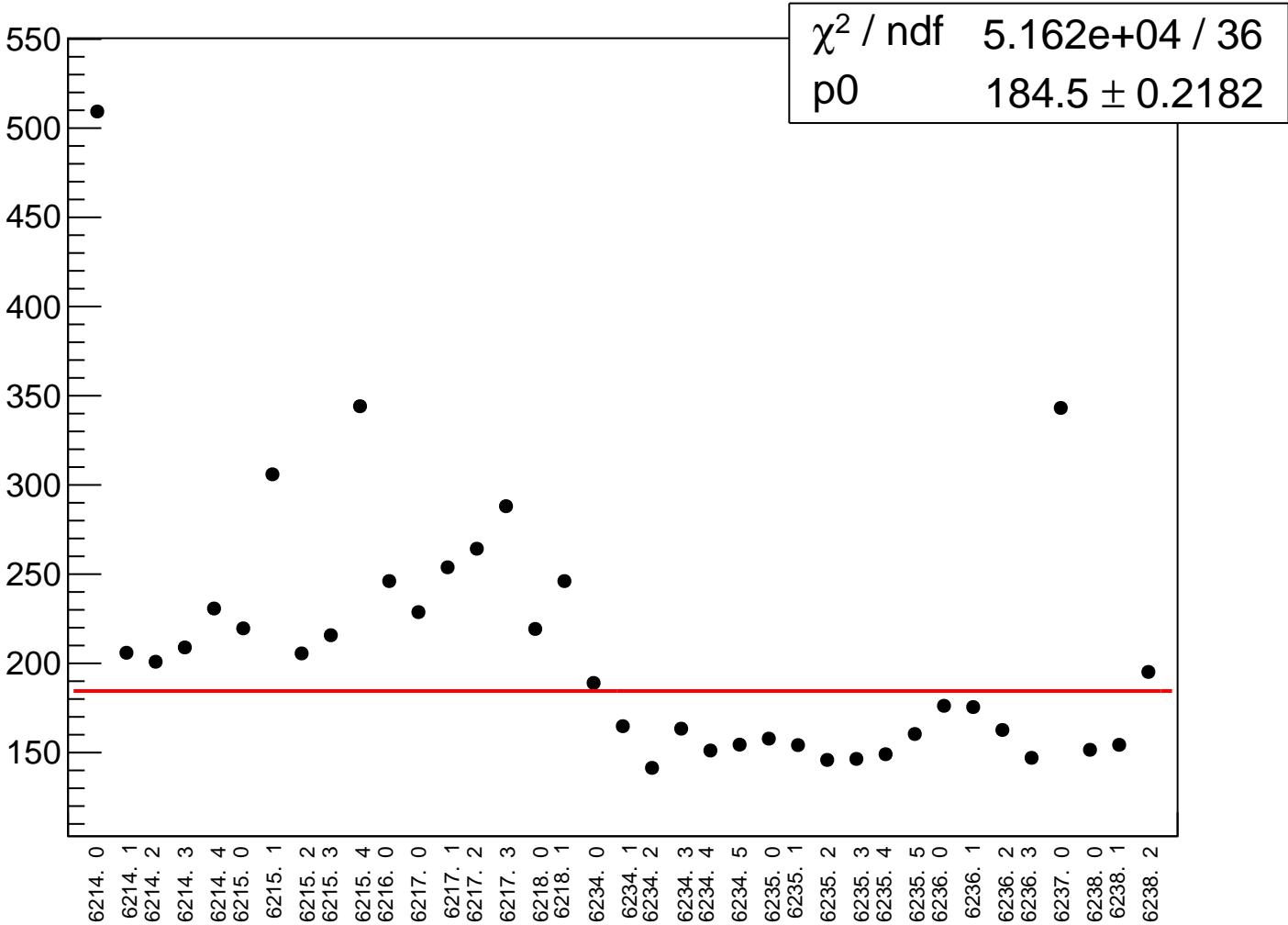
Entries 37

Mean -0.05138

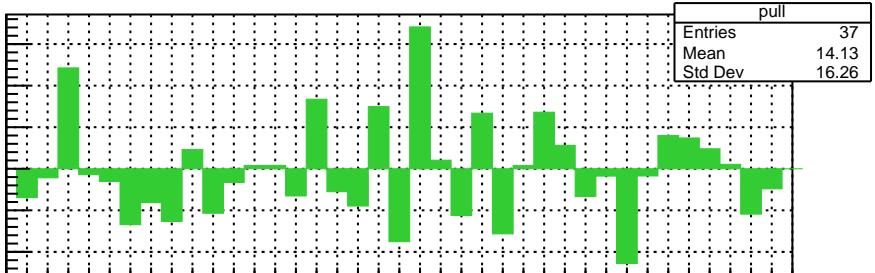
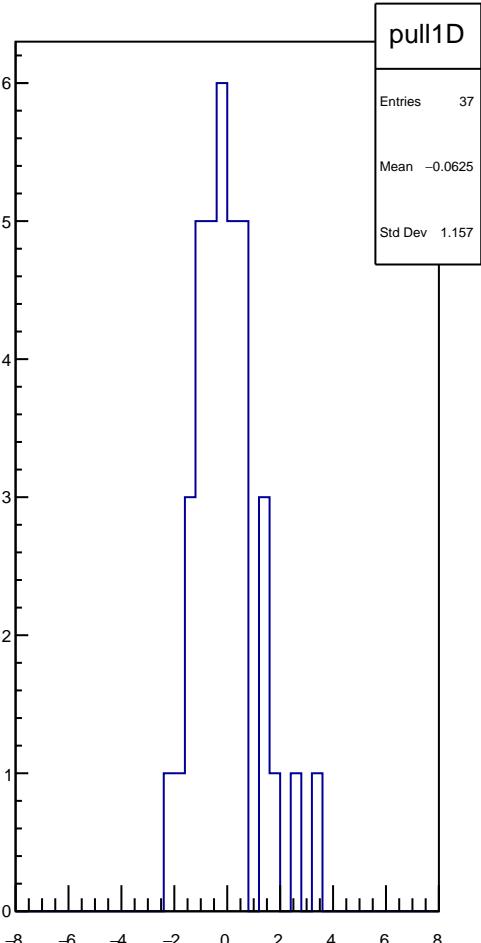
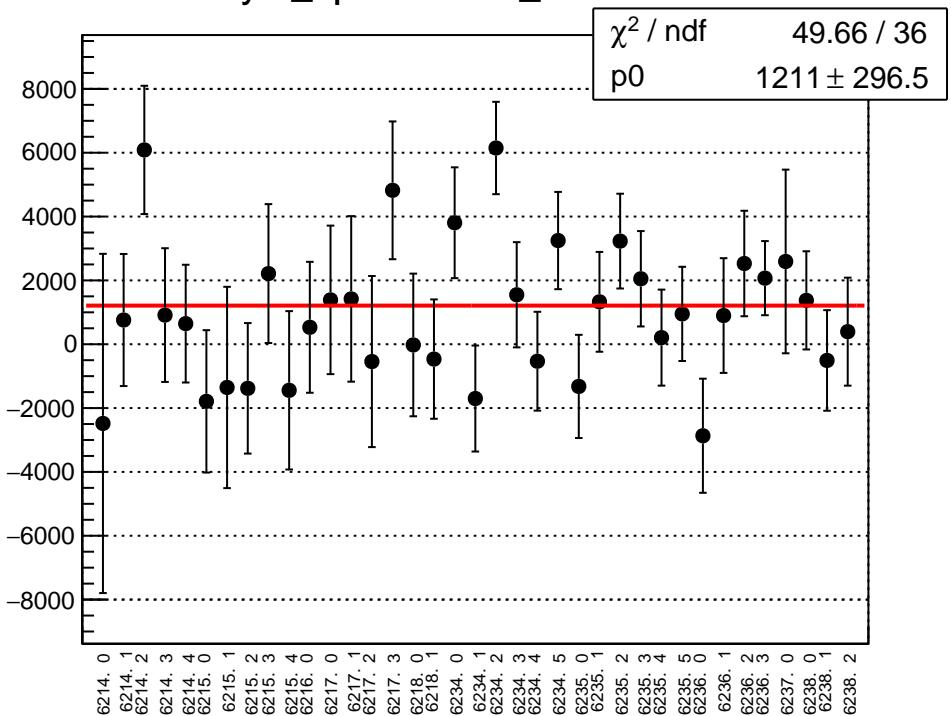
Std Dev 1.056



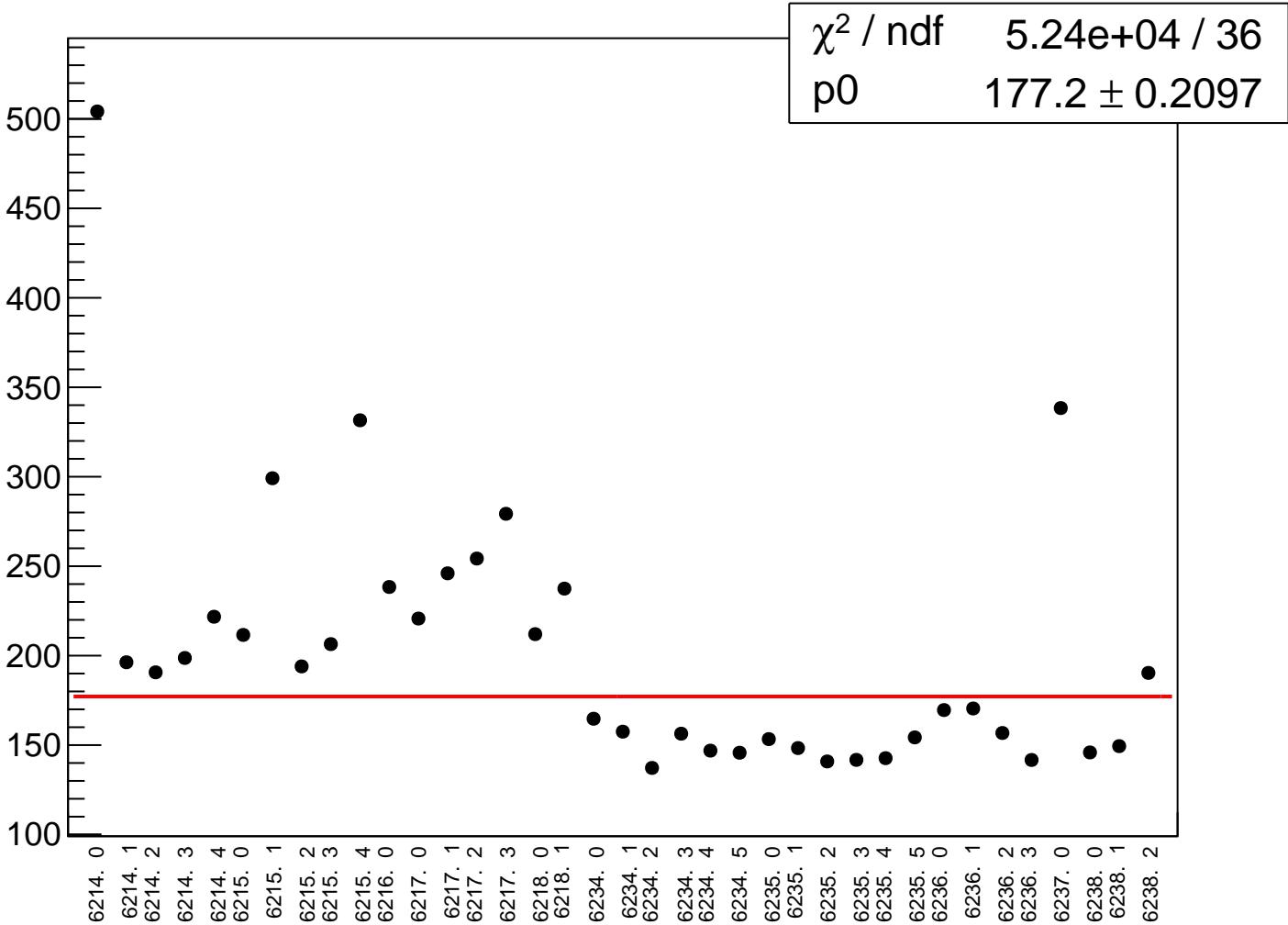
asym_bpm0l05WS_rms vs run



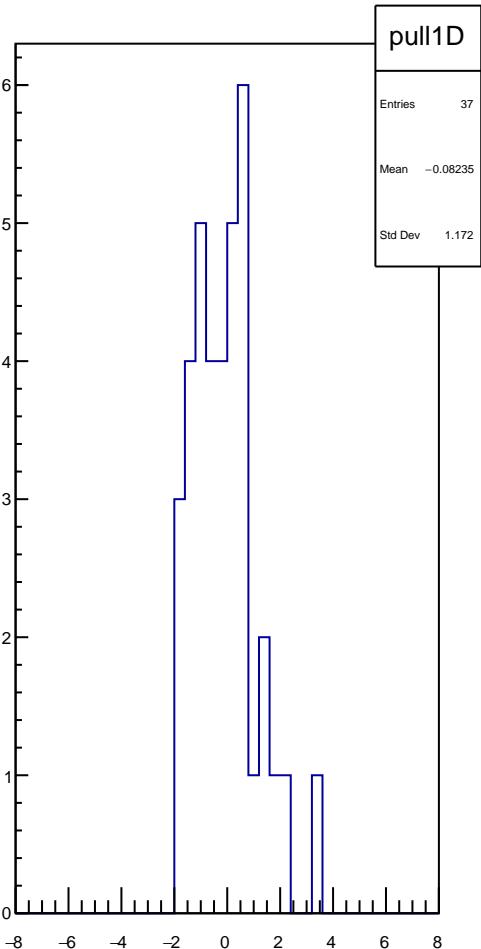
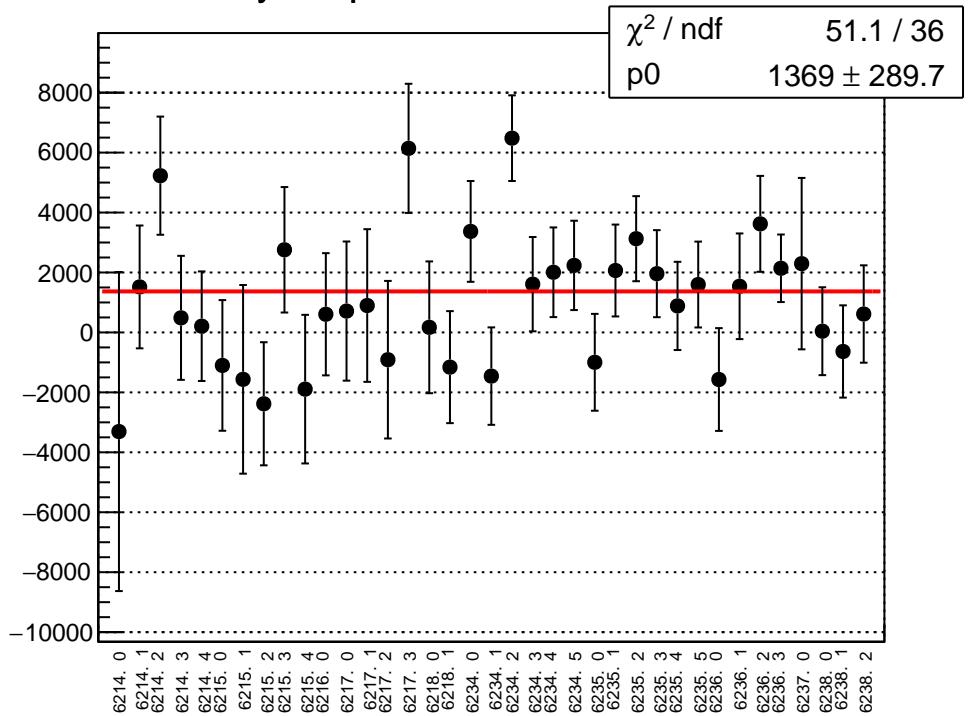
asym_bpm0l06WS_mean vs run



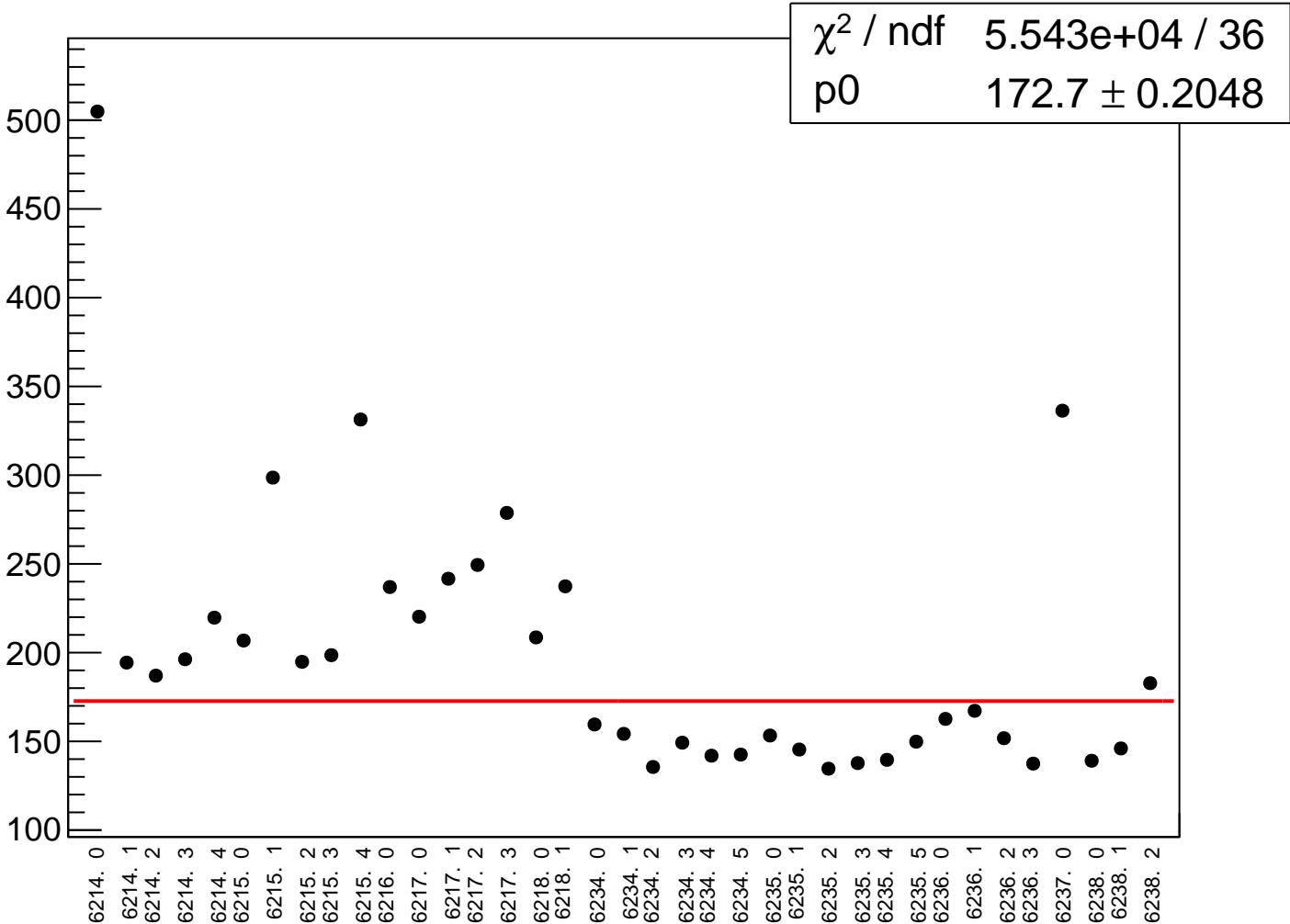
asym_bpm0l06WS_rms vs run



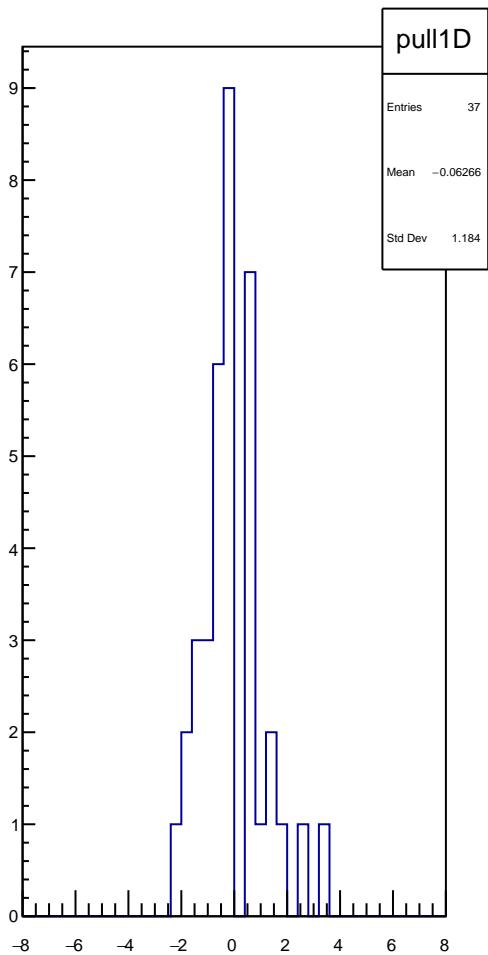
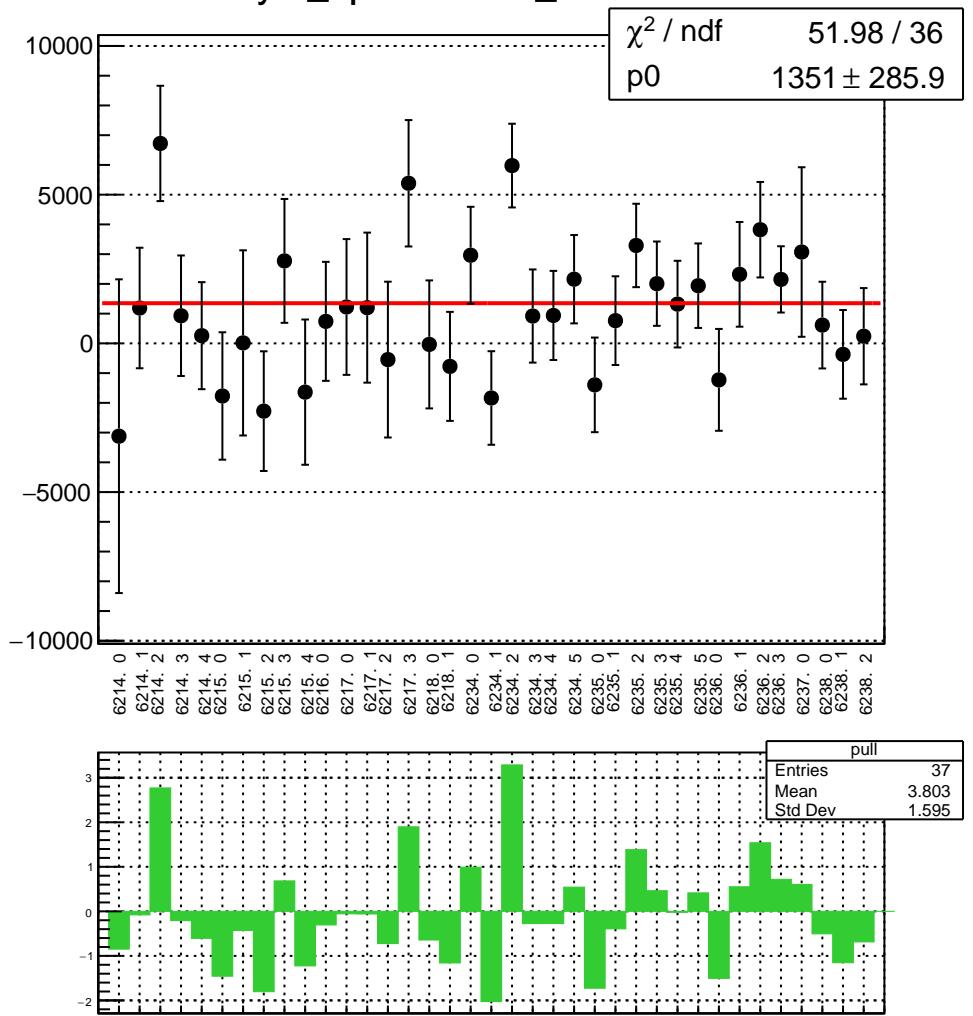
asym_bpm0l07WS_mean vs run



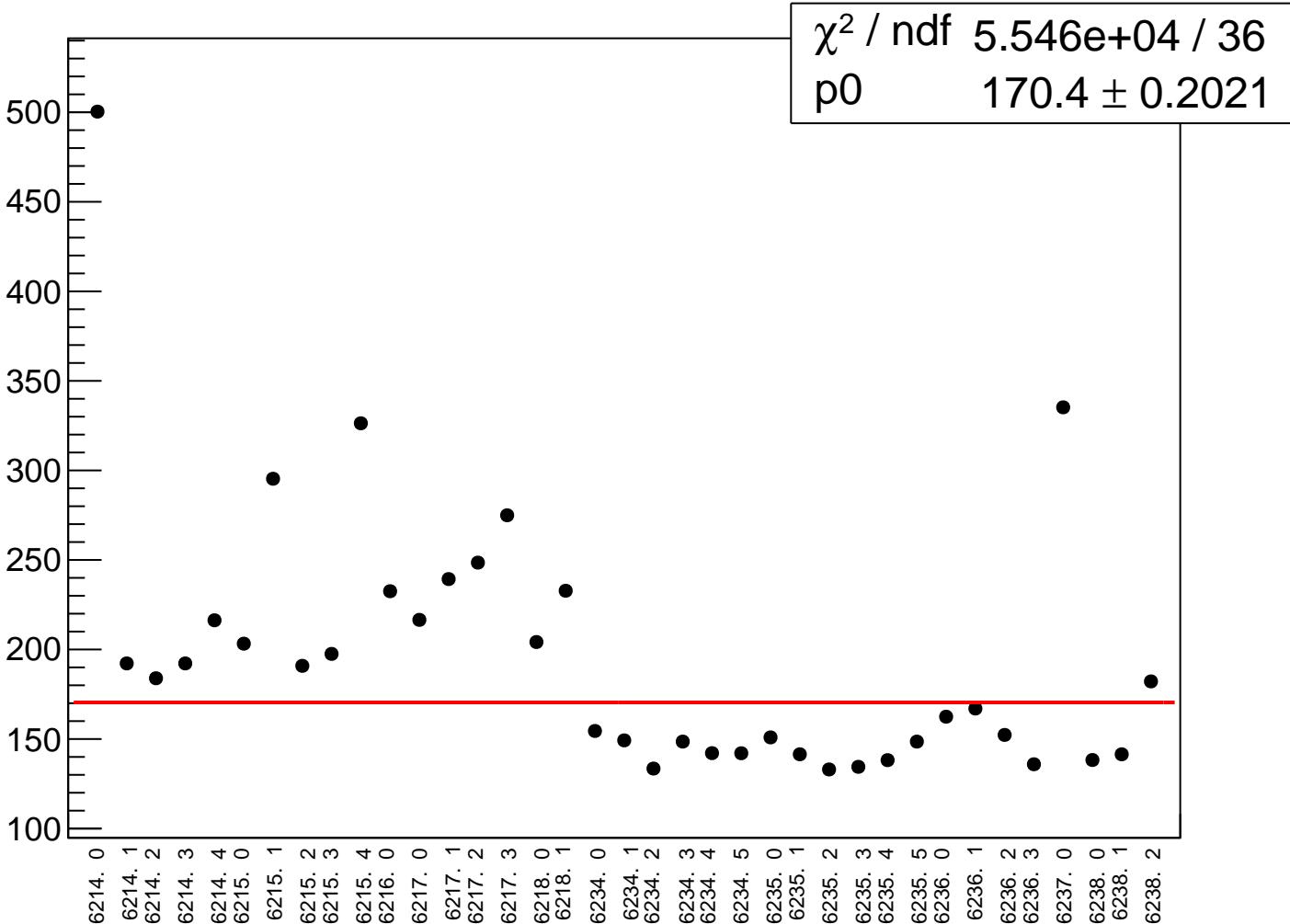
asym_bpm0l07WS_rms vs run



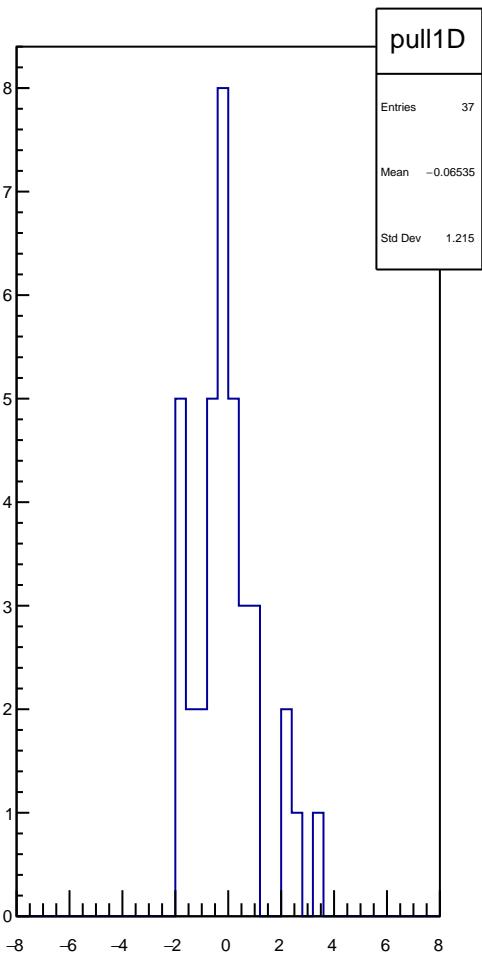
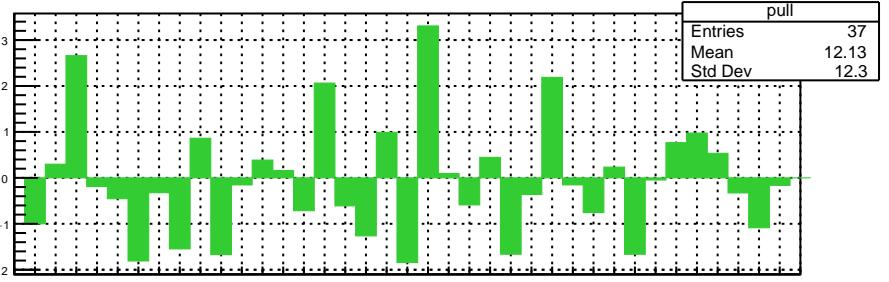
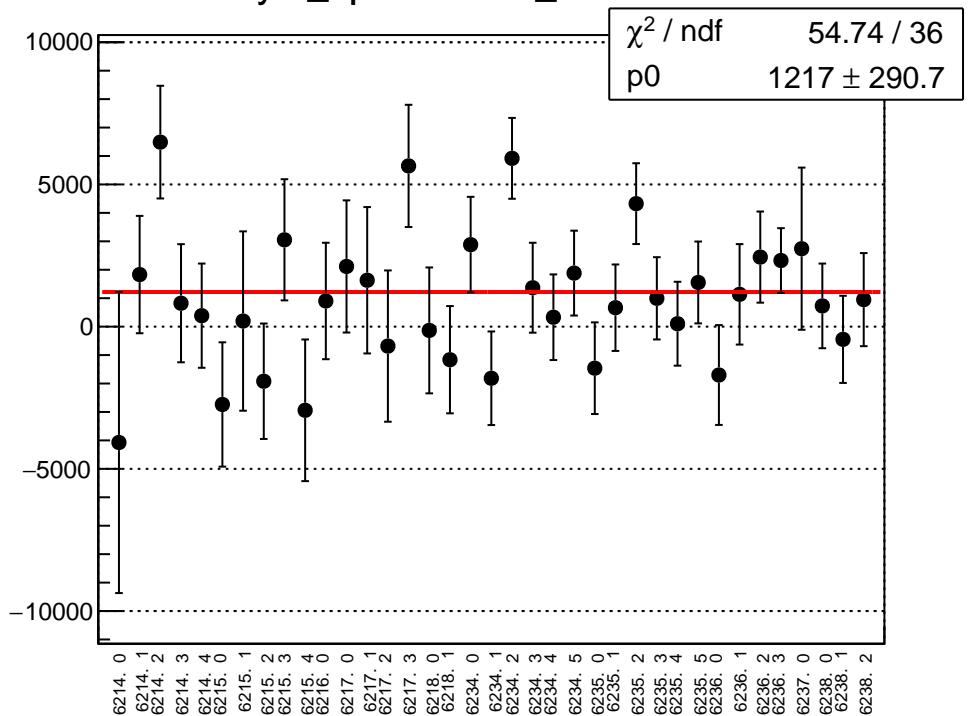
asym_bpm0l08WS_mean vs run



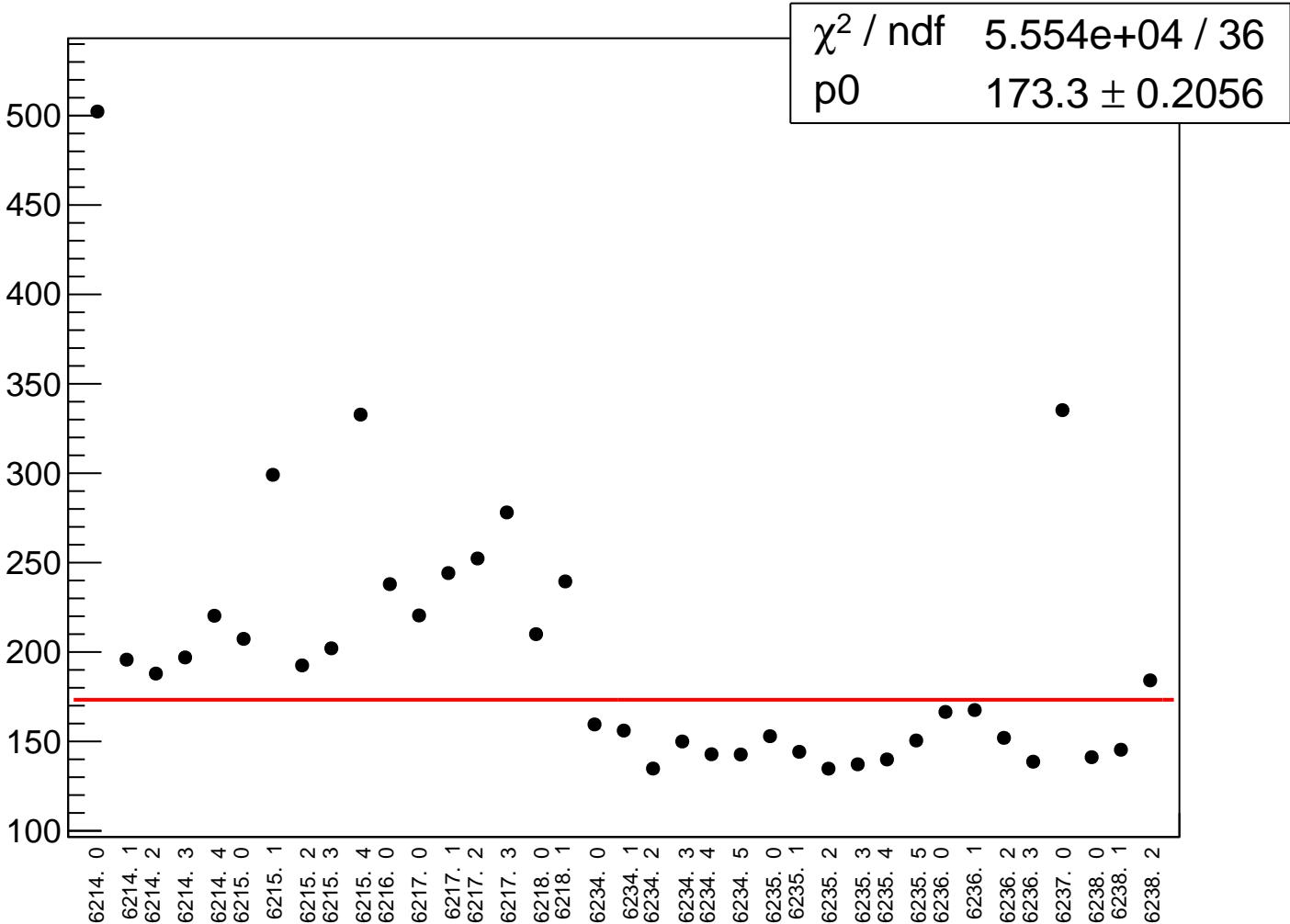
asym_bpm0l08WS_rms vs run



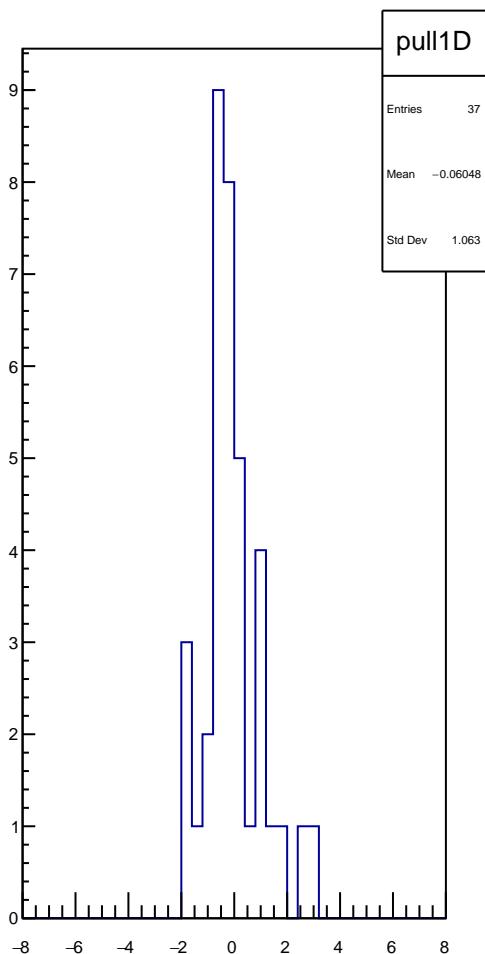
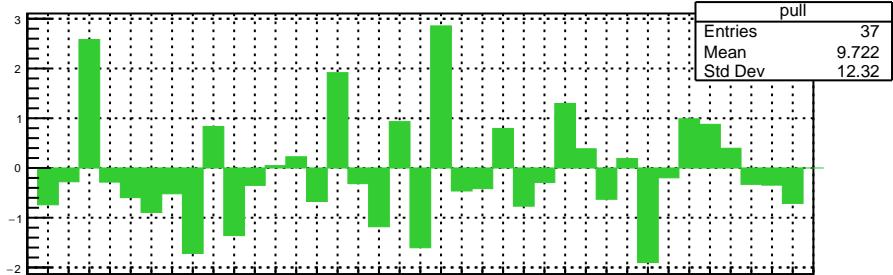
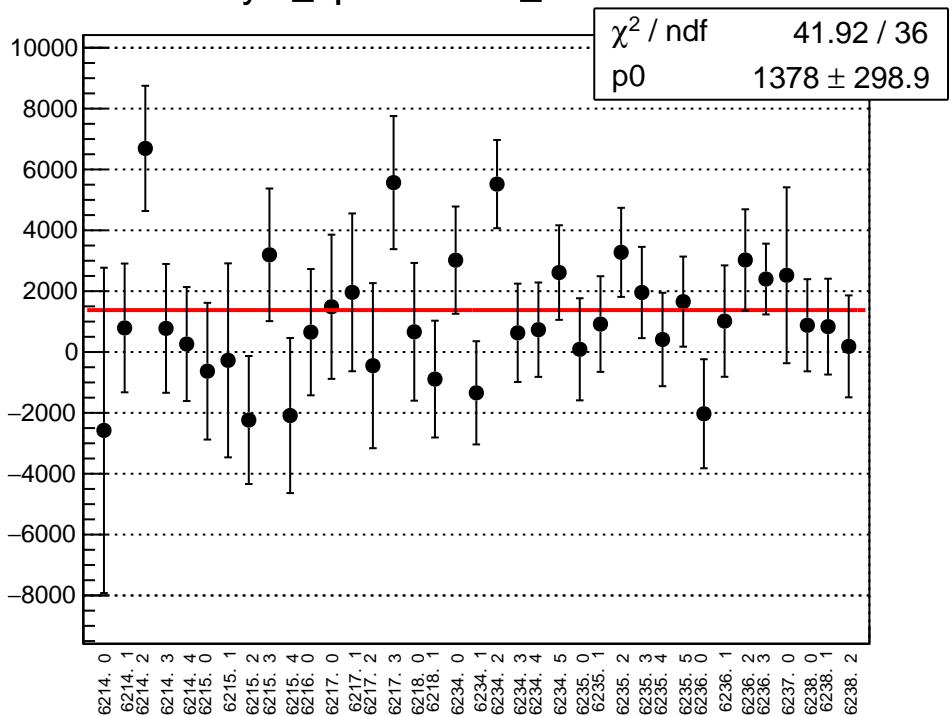
asym_bpm0l09WS_mean vs run



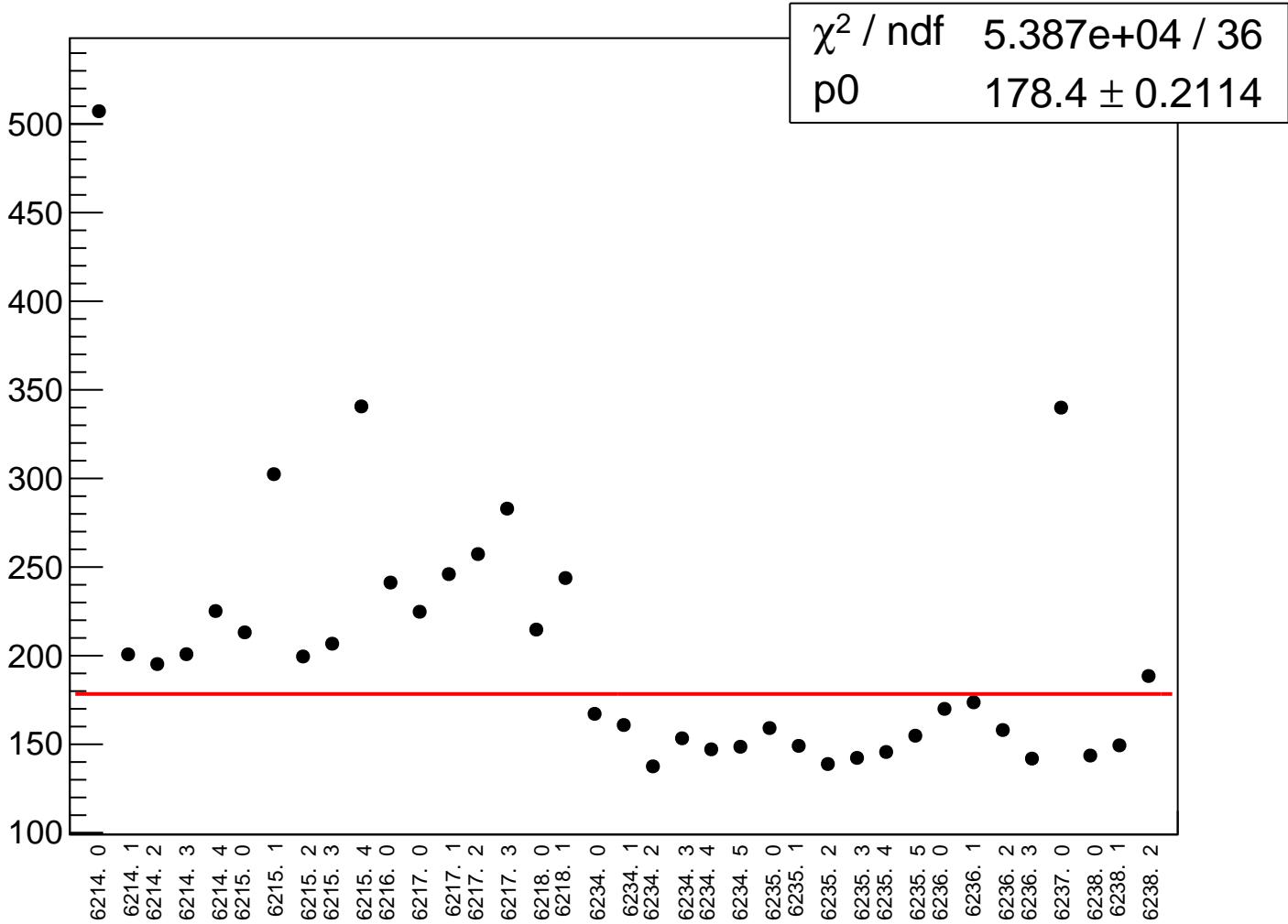
asym_bpm0l09WS_rms vs run



asym_bpm0l10WS_mean vs run



asym_bpm0l10WS_rms vs run



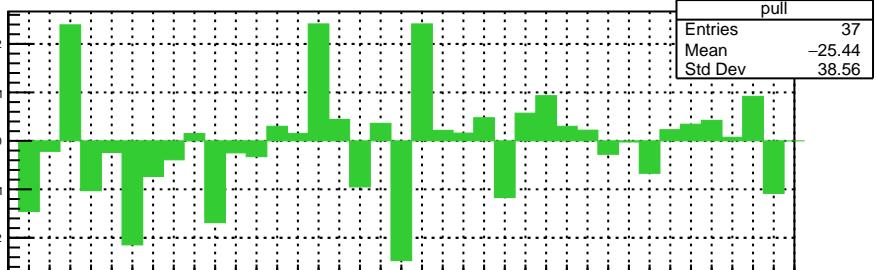
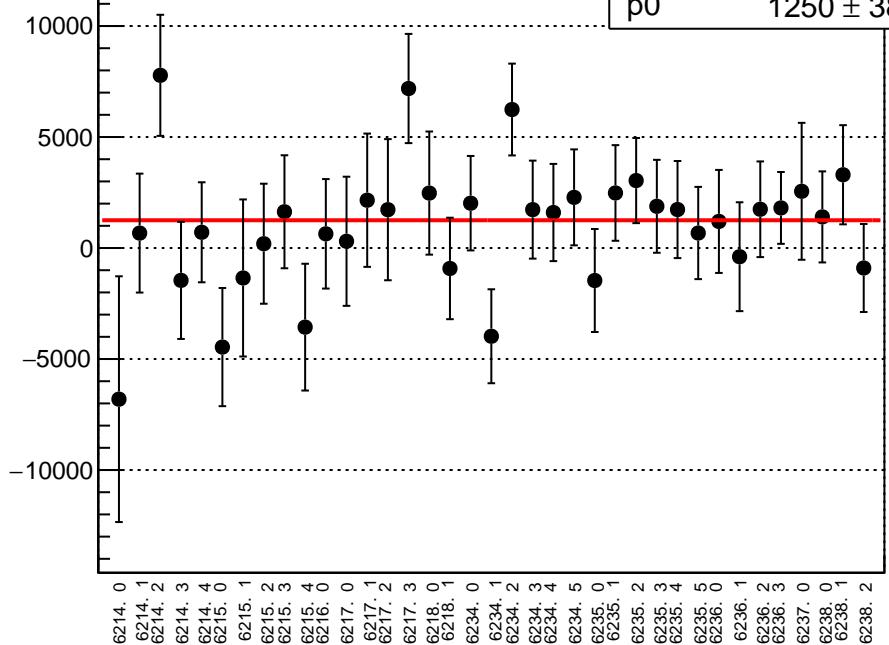
asym_bpm0r03WS_mean vs run

χ^2 / ndf

42.32 / 36

p0

1250 ± 387.6

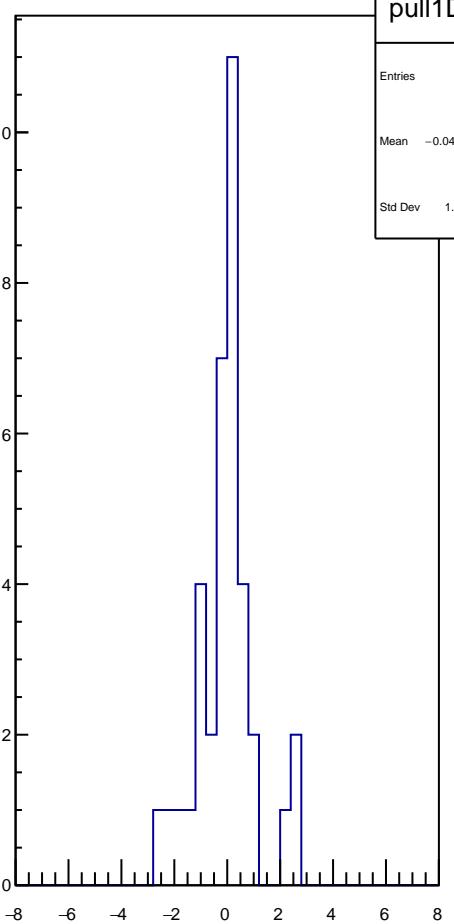


pull1D

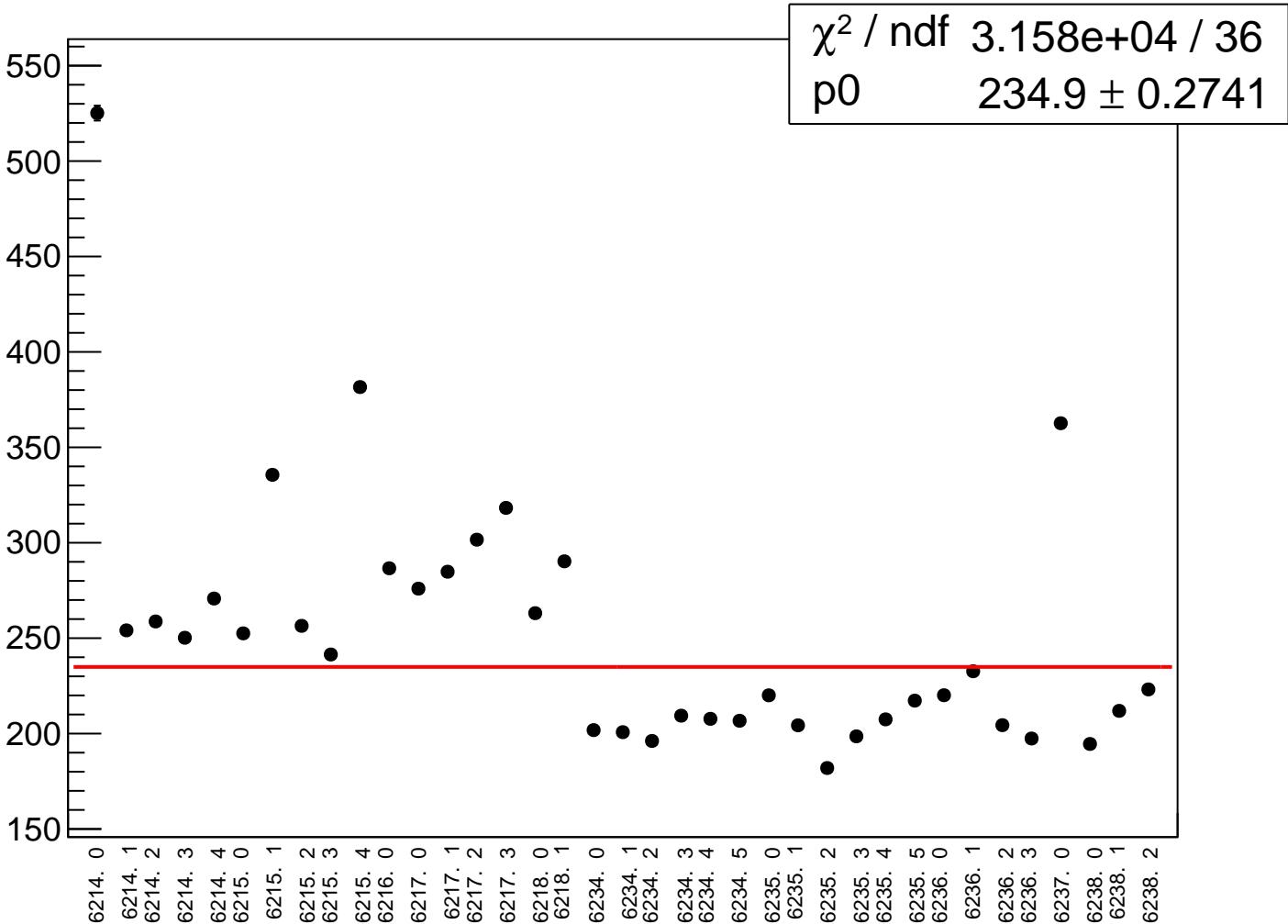
Entries 37

Mean -0.04392

Std Dev 1.069



asym_bpm0r03WS_rms vs run



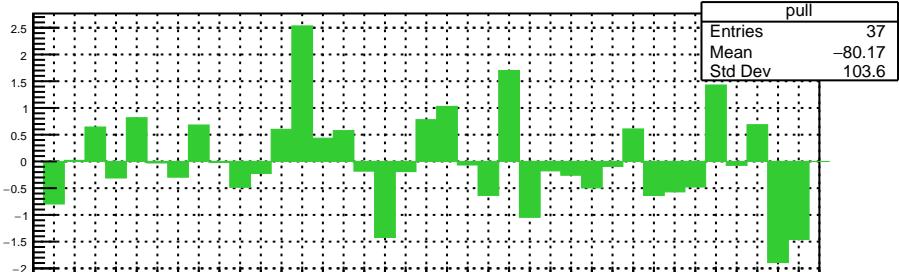
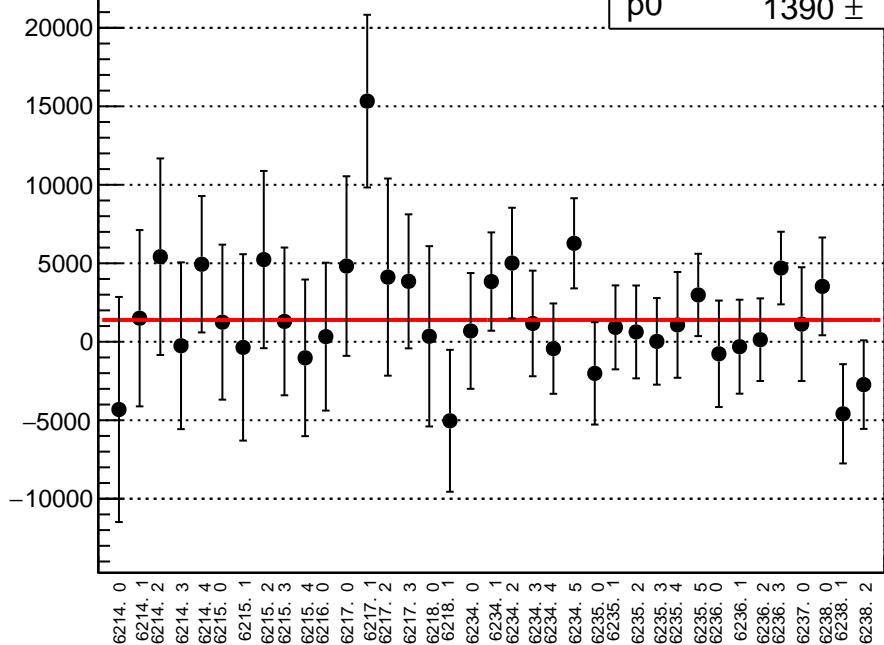
asym_bpm0r05WS_mean vs run

χ^2 / ndf

28 / 36

p0

1390 ± 592

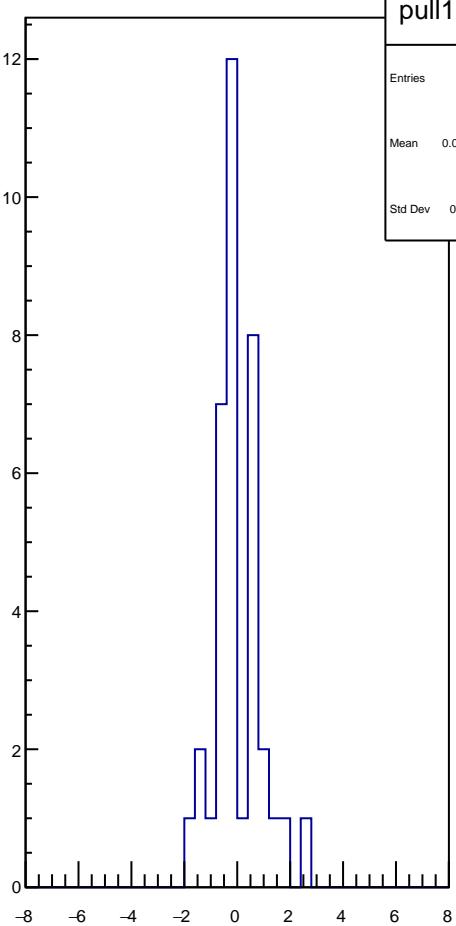


pull1D

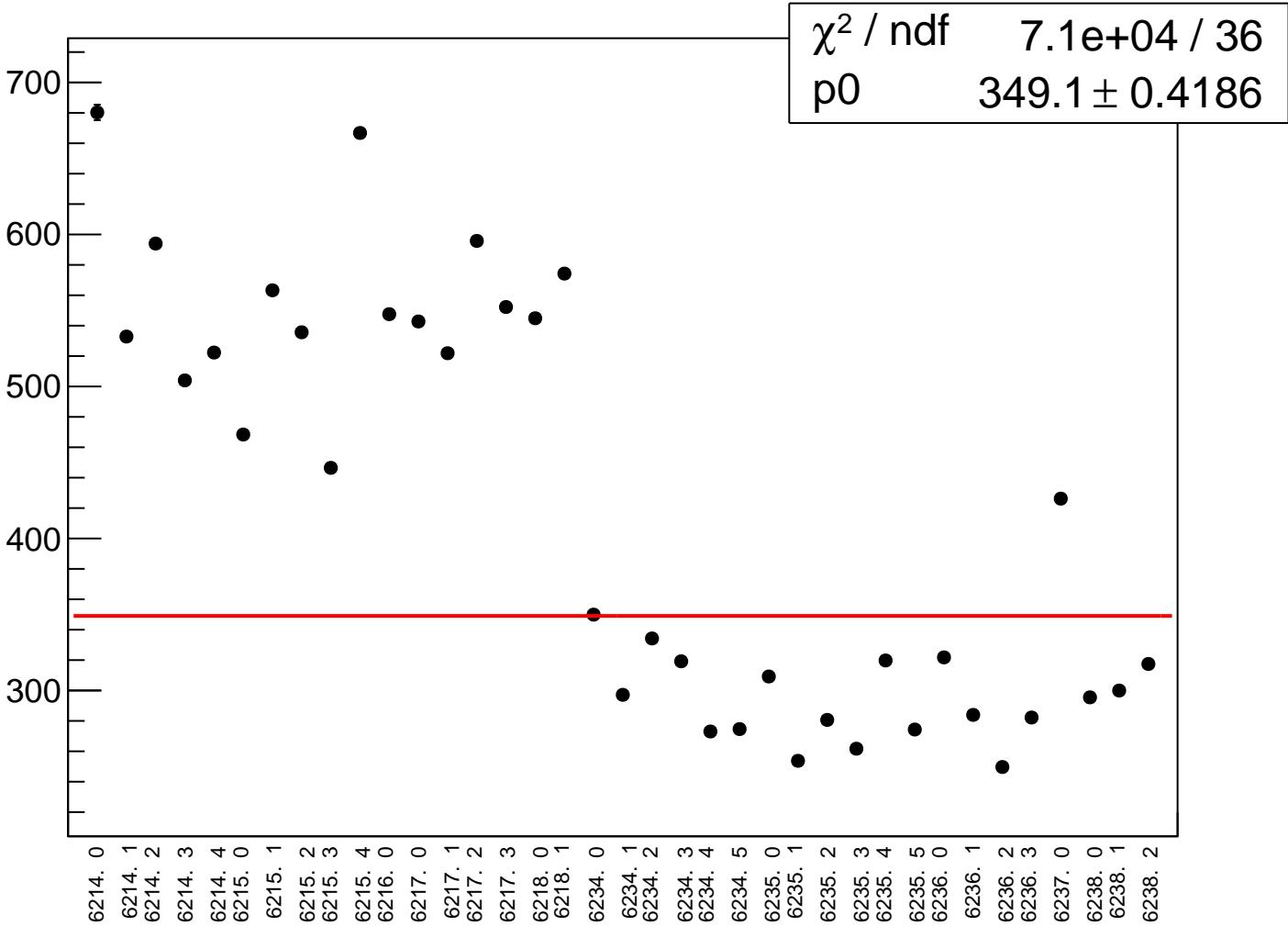
Entries 37

Mean 0.01924

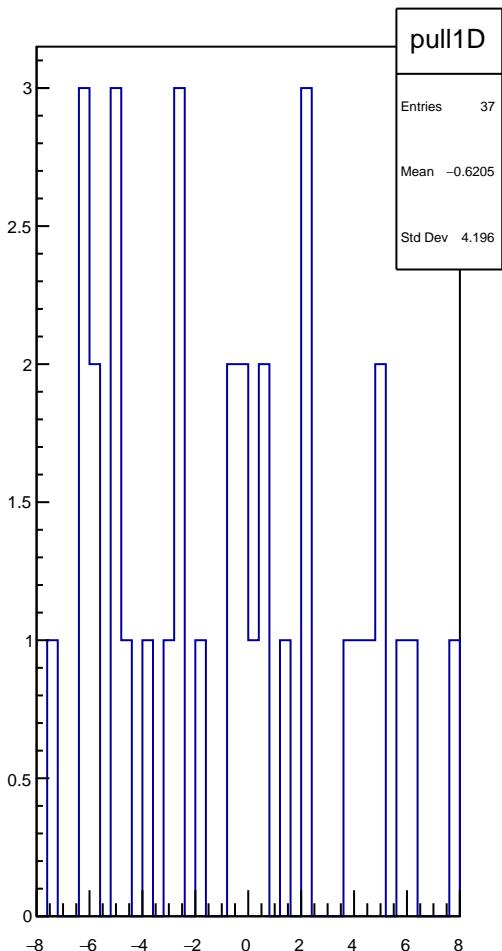
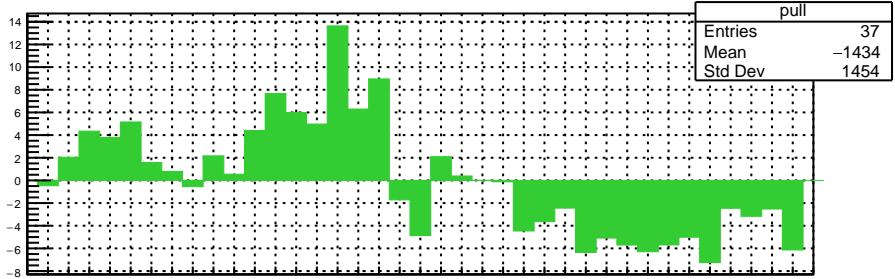
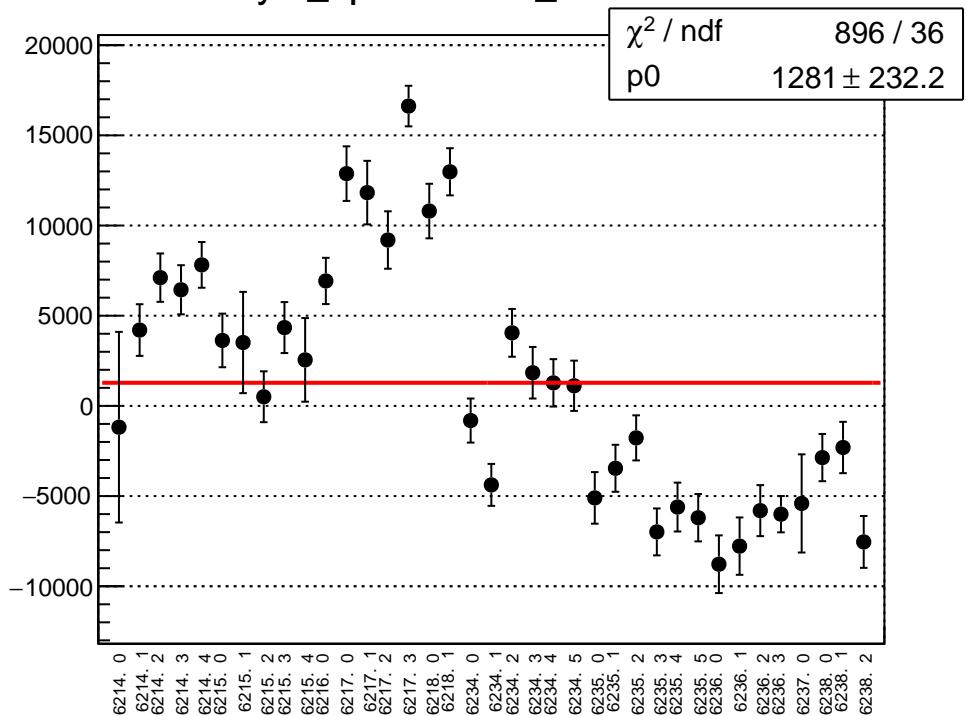
Std Dev 0.8698



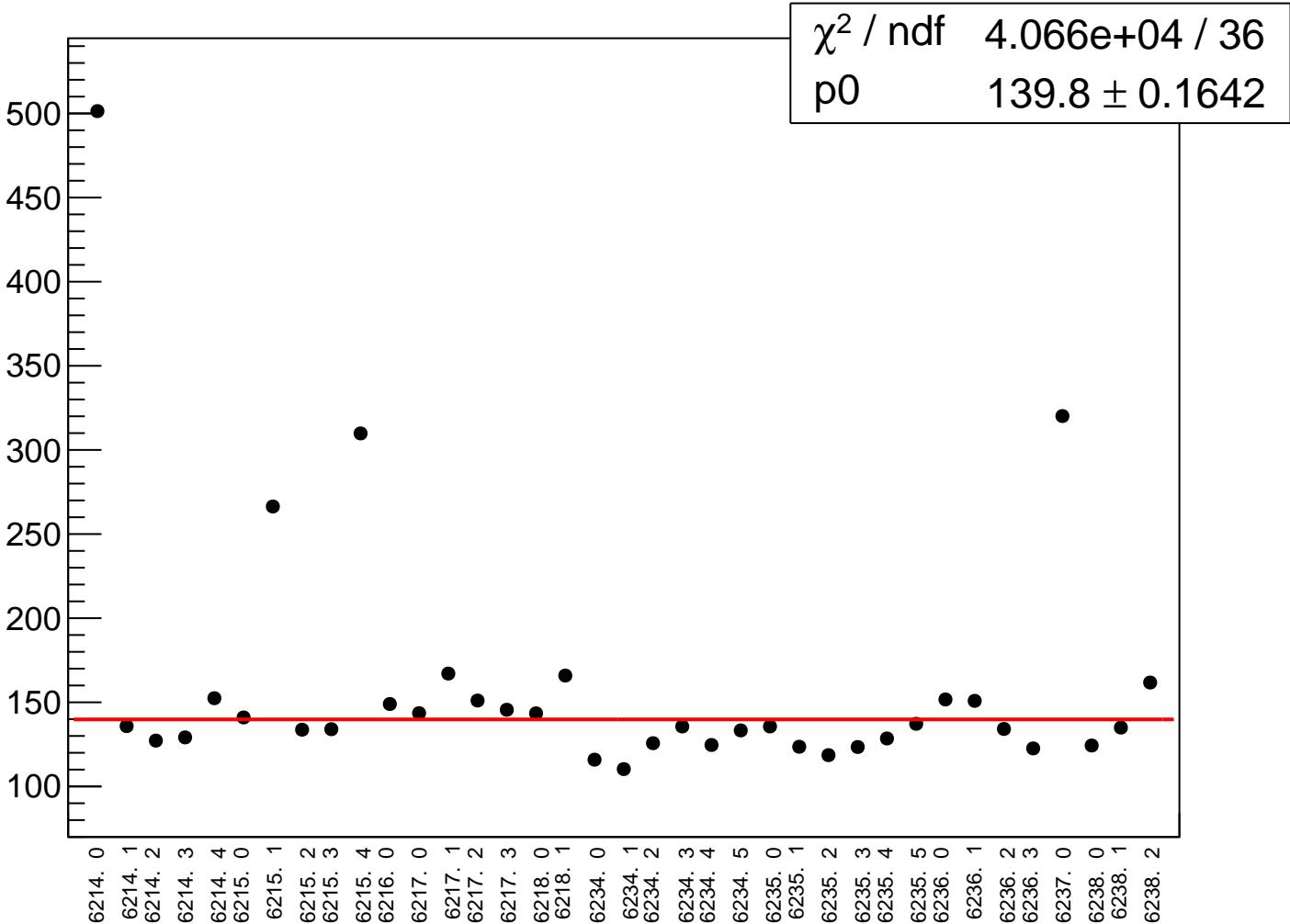
asym_bpm0r05WS_rms vs run



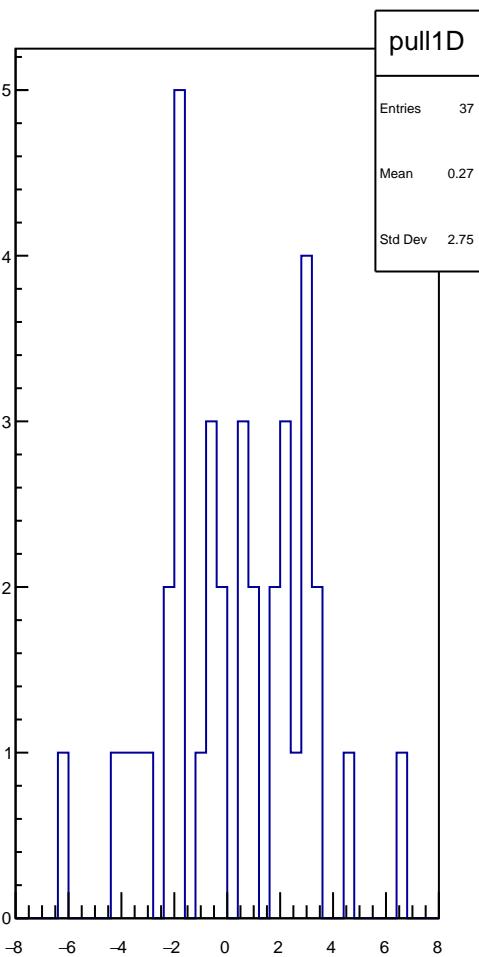
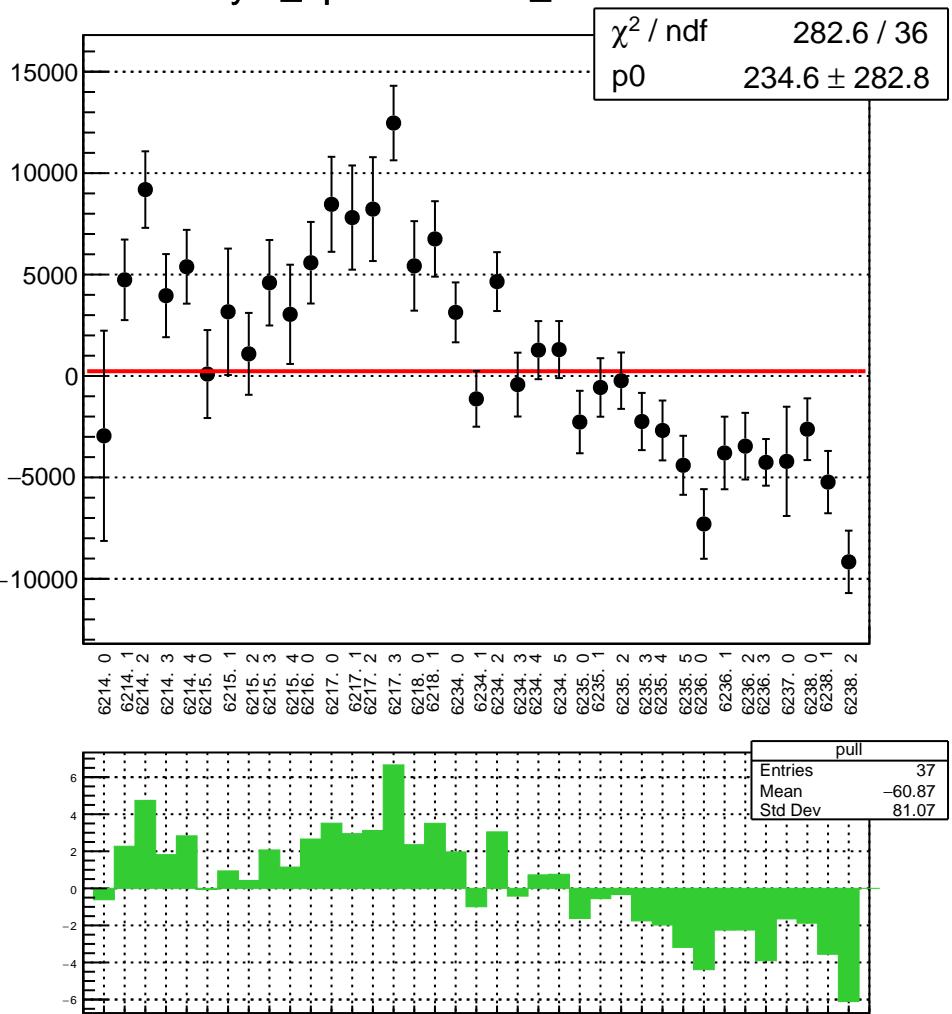
asym_bpm0i02WS_mean vs run



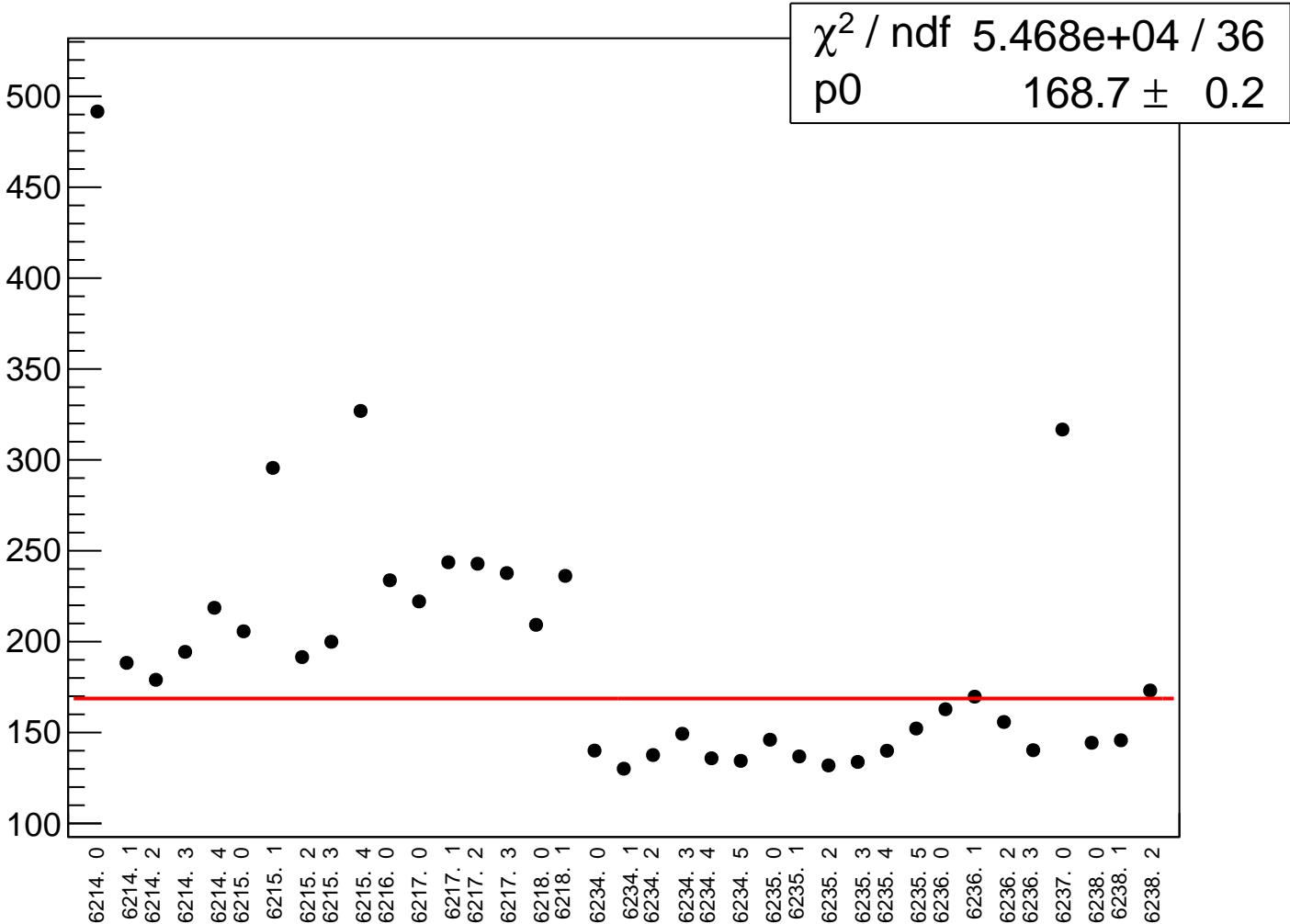
asym_bpm0i02WS_rms vs run



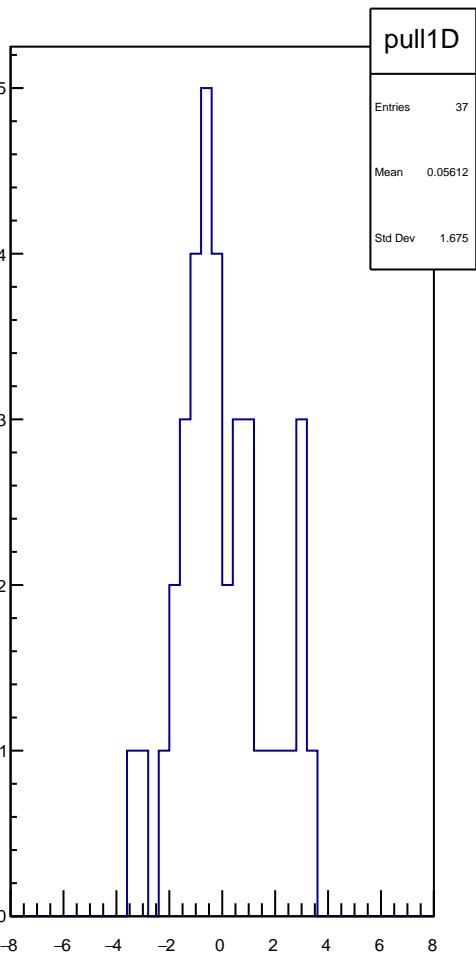
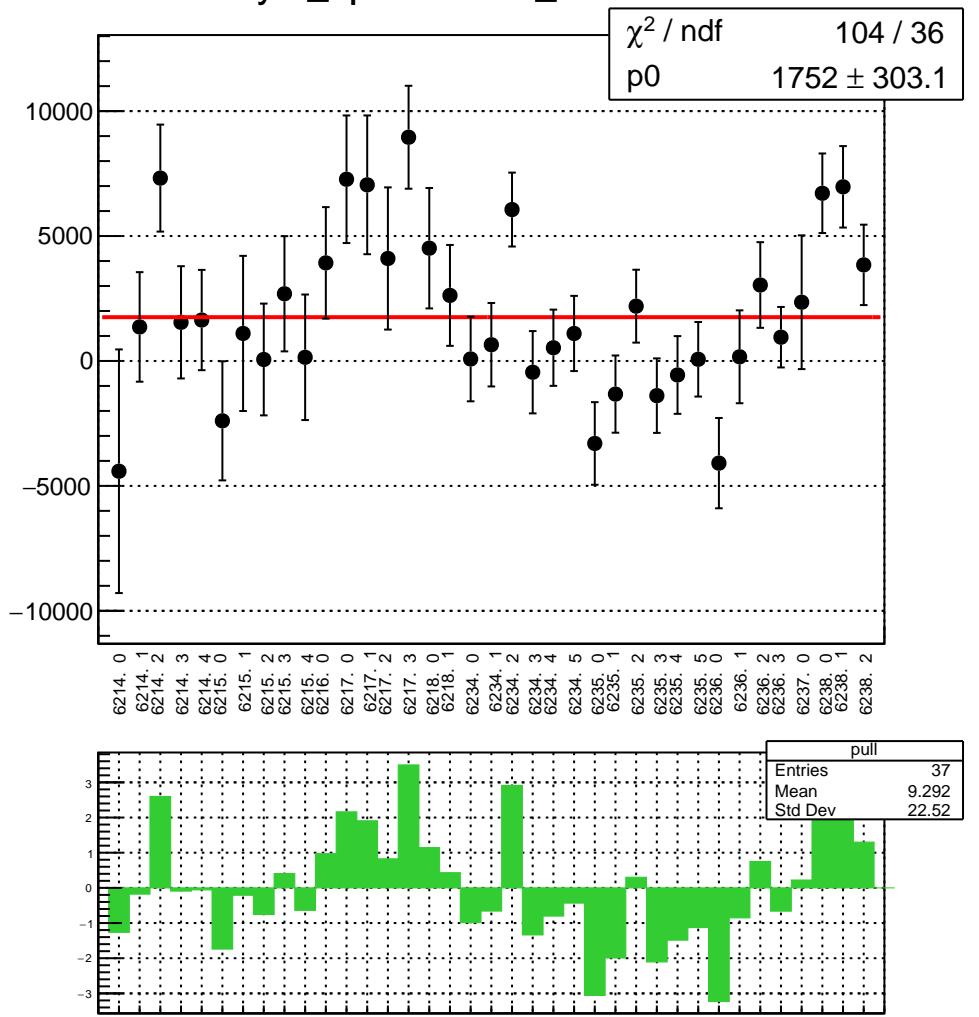
asym_bpm0i02aWS_mean vs run



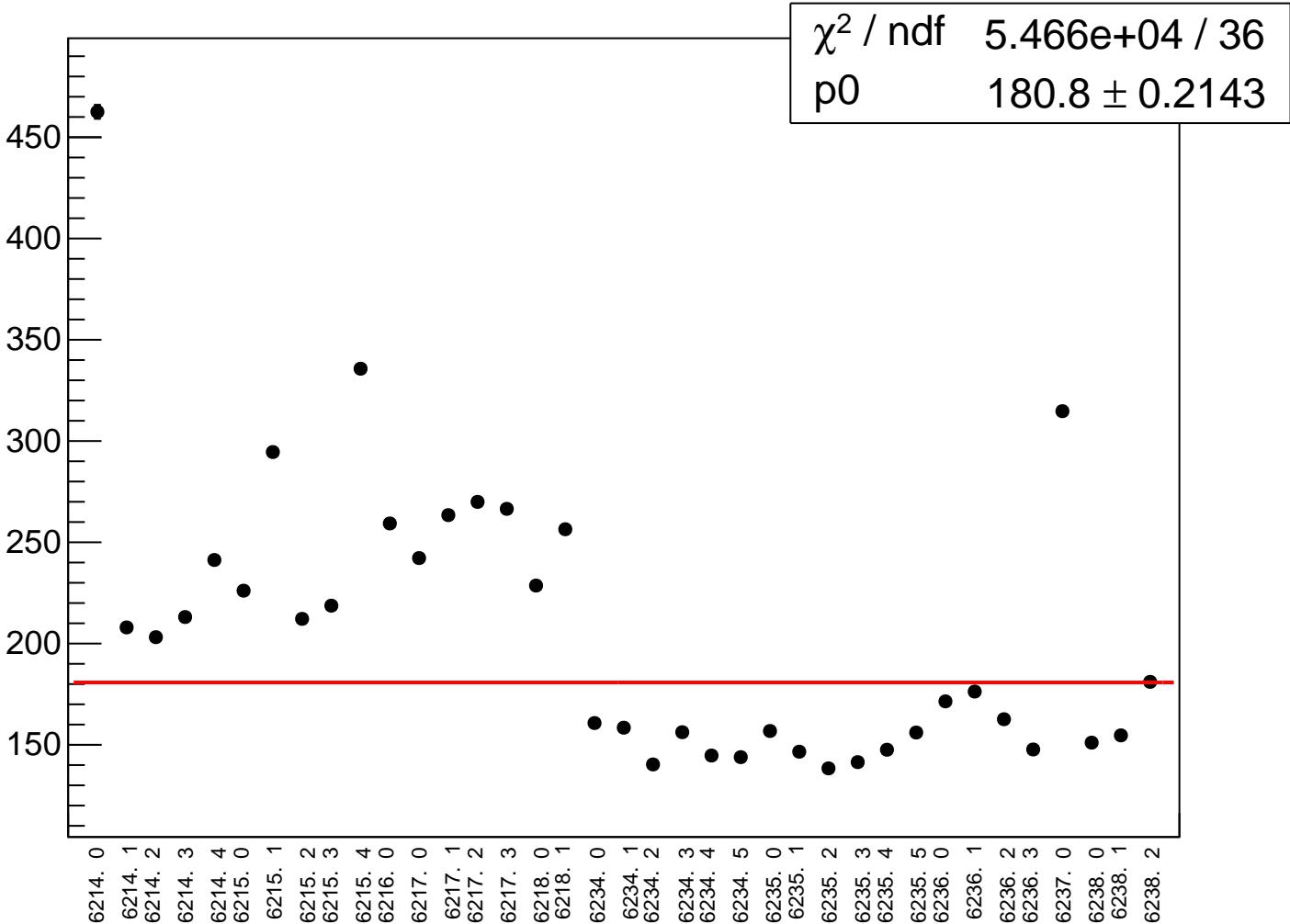
asym_bpm0i02aWS_rms vs run



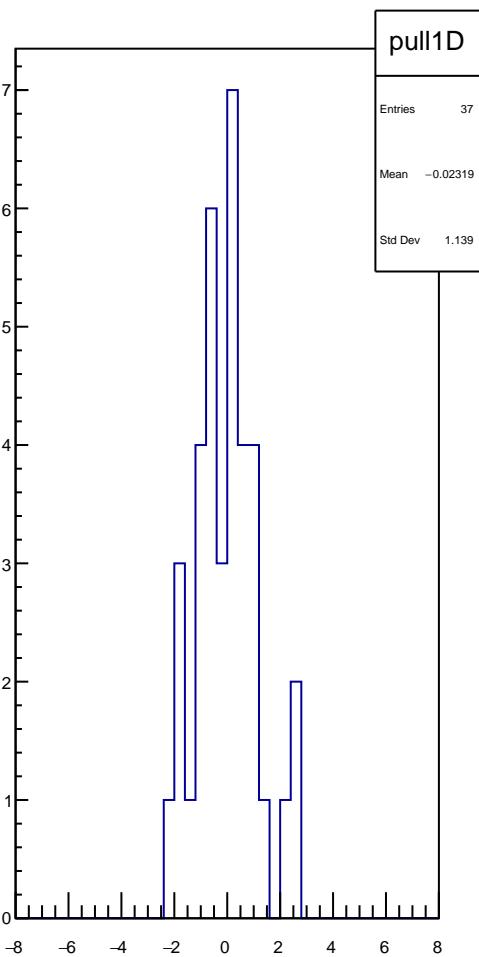
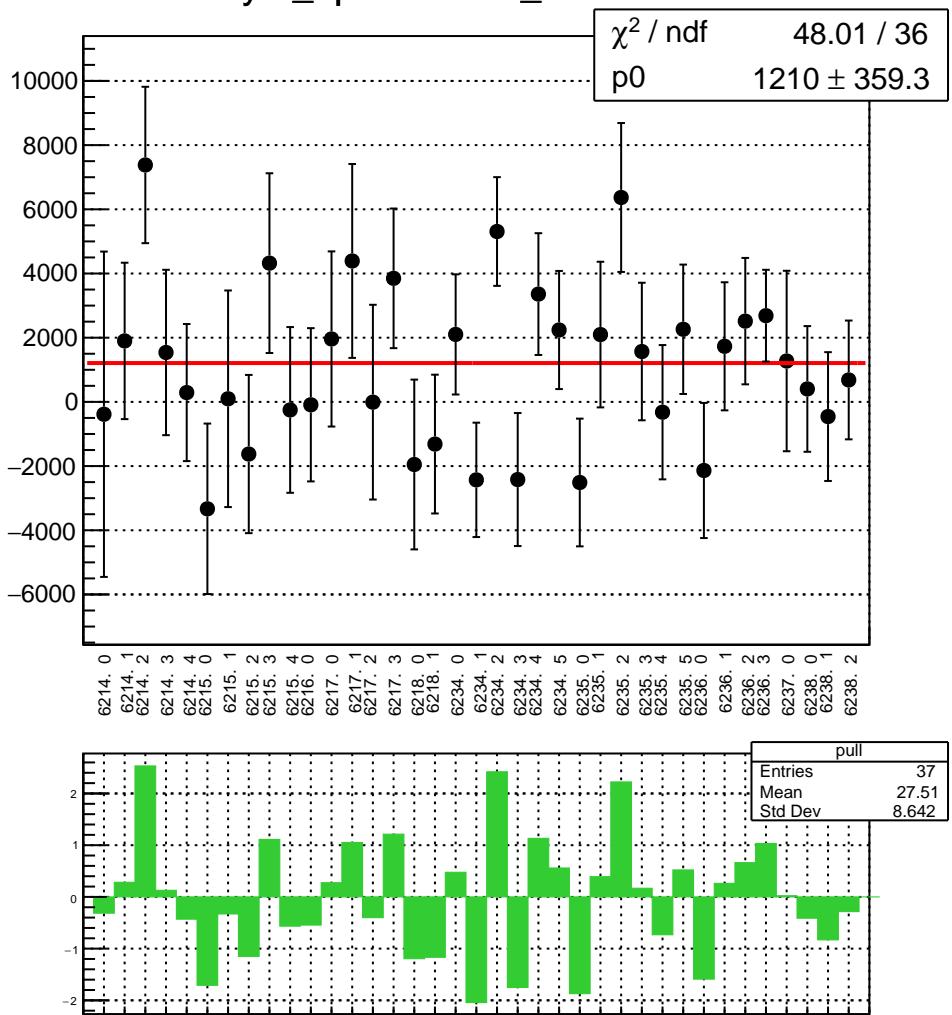
asym_bpm0i05WS_mean vs run



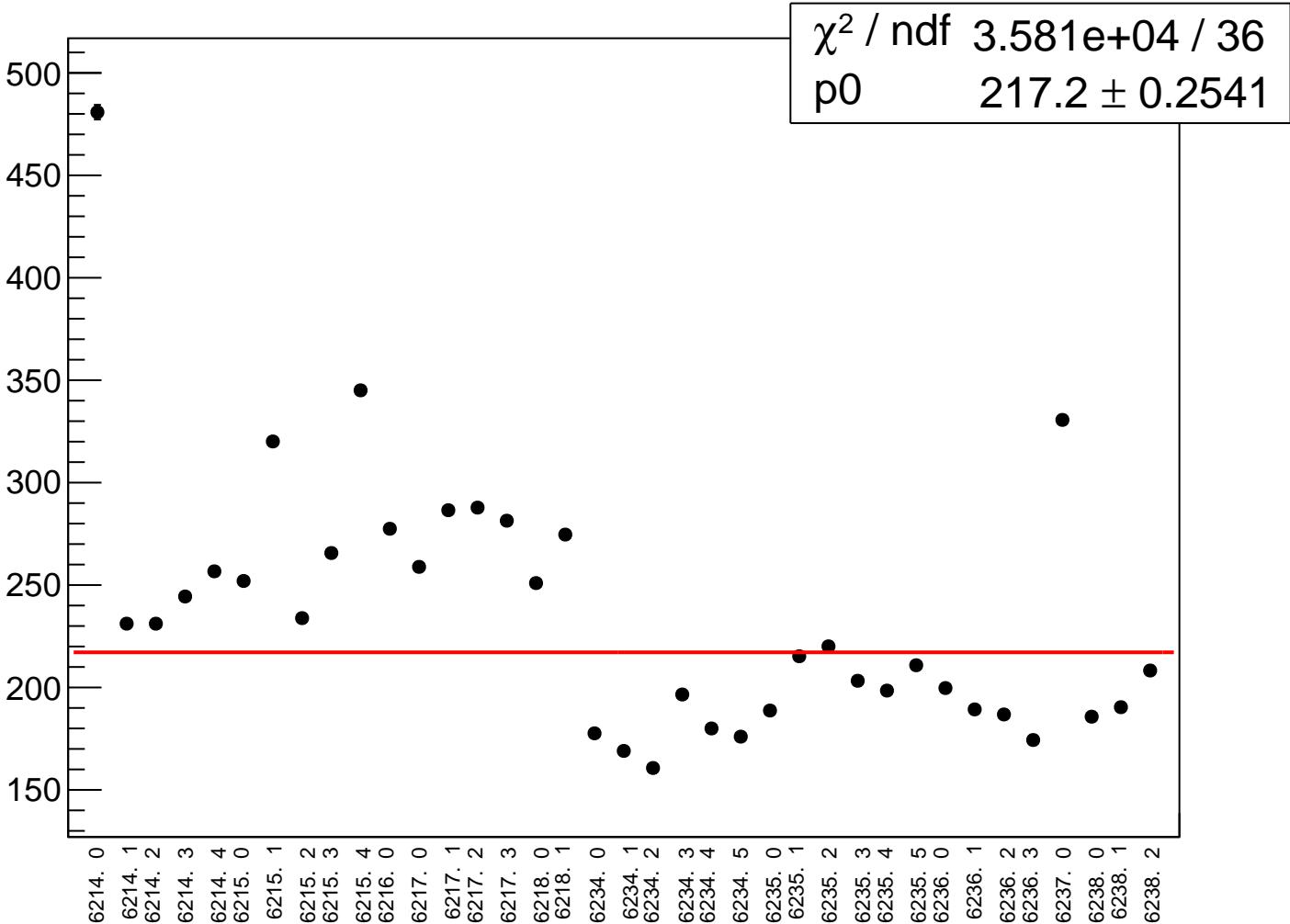
asym_bpm0i05WS_rms vs run



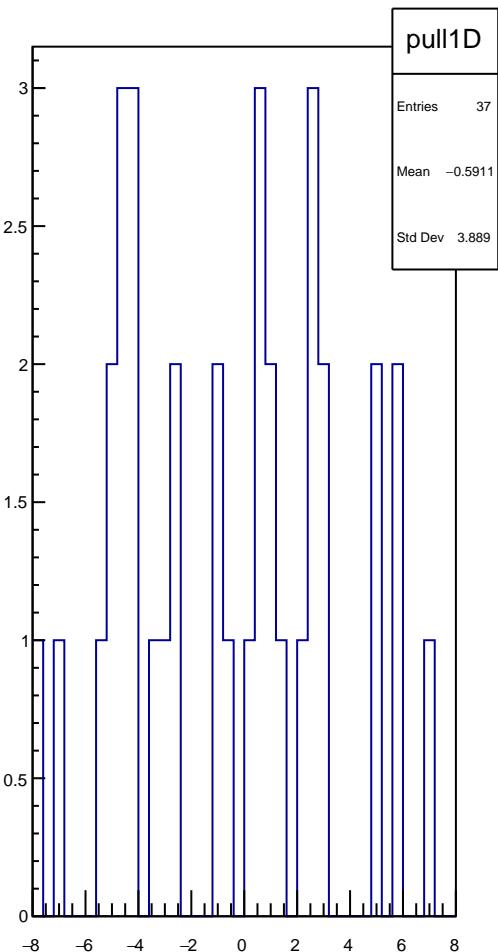
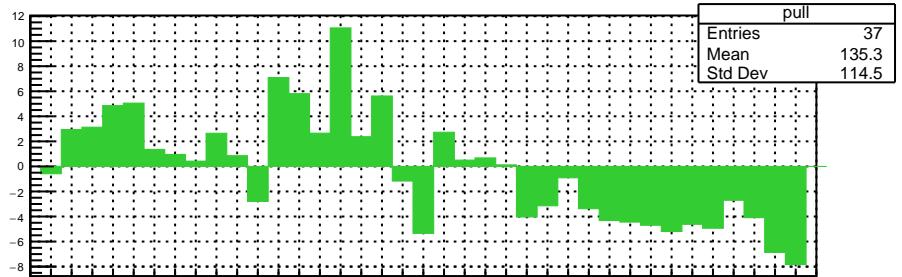
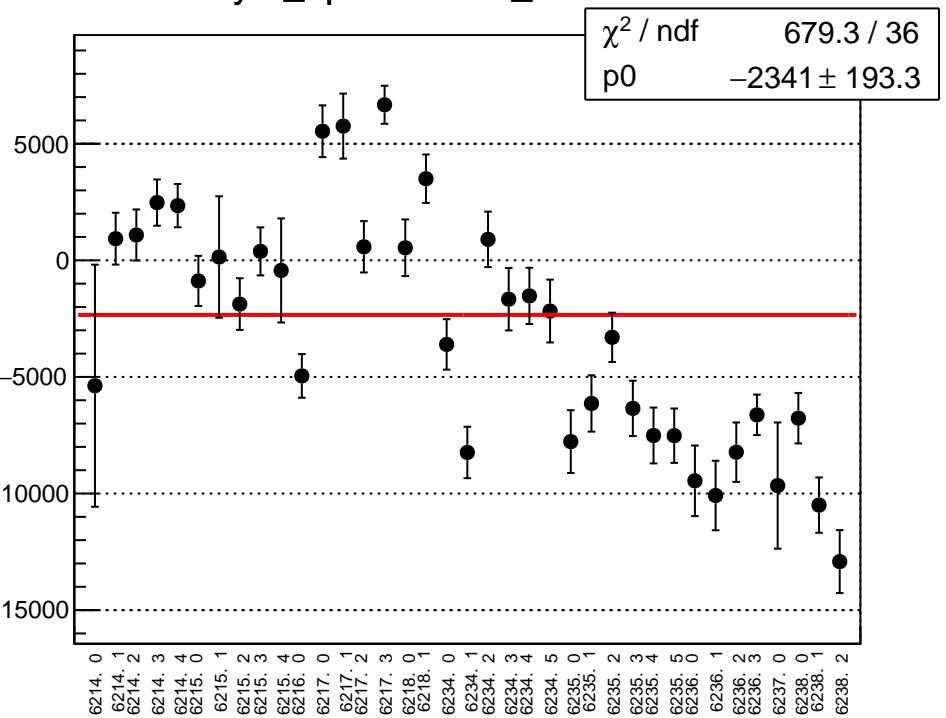
asym_bpm0i07WS_mean vs run



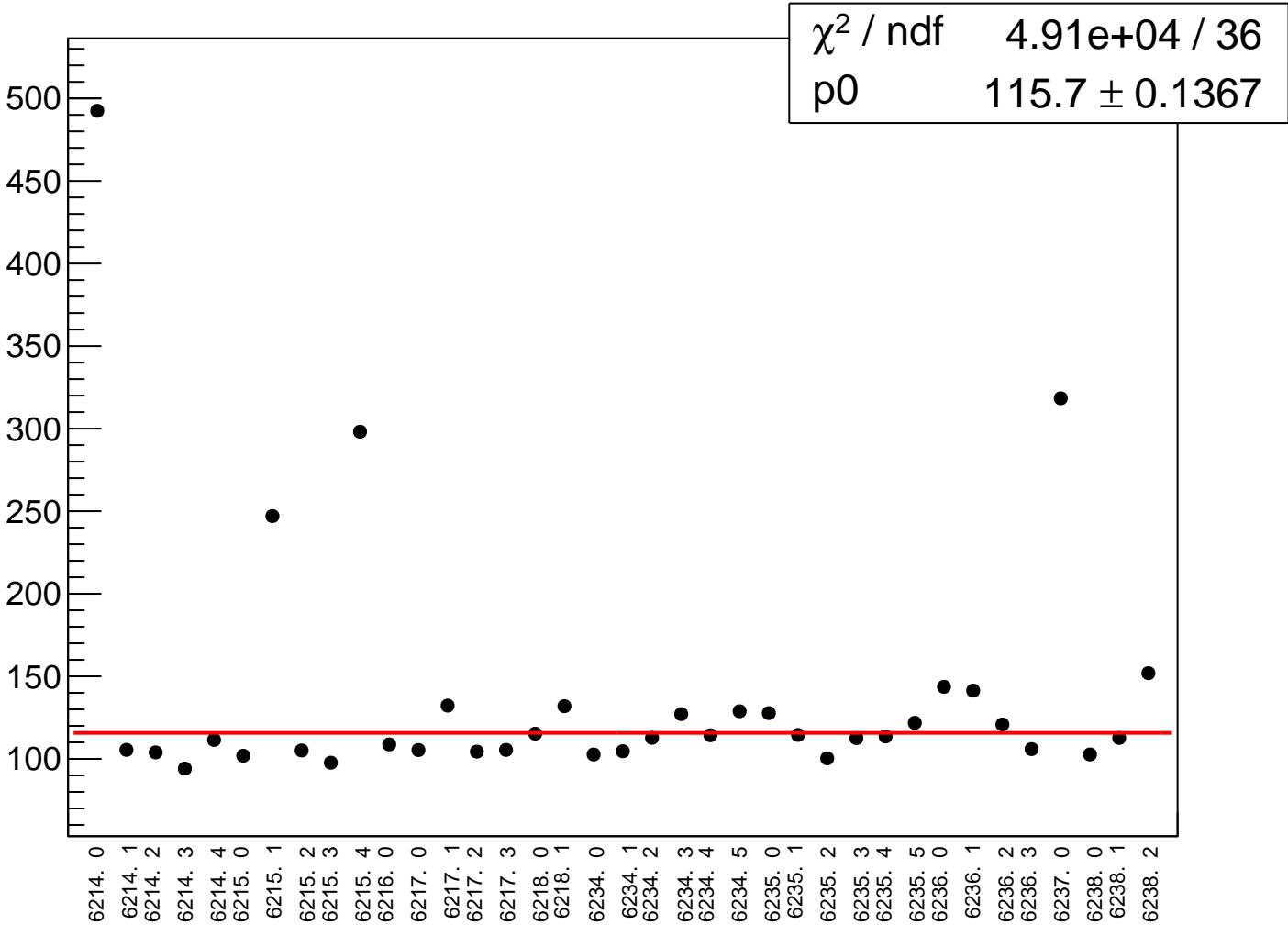
asym_bpm0i07WS_rms vs run



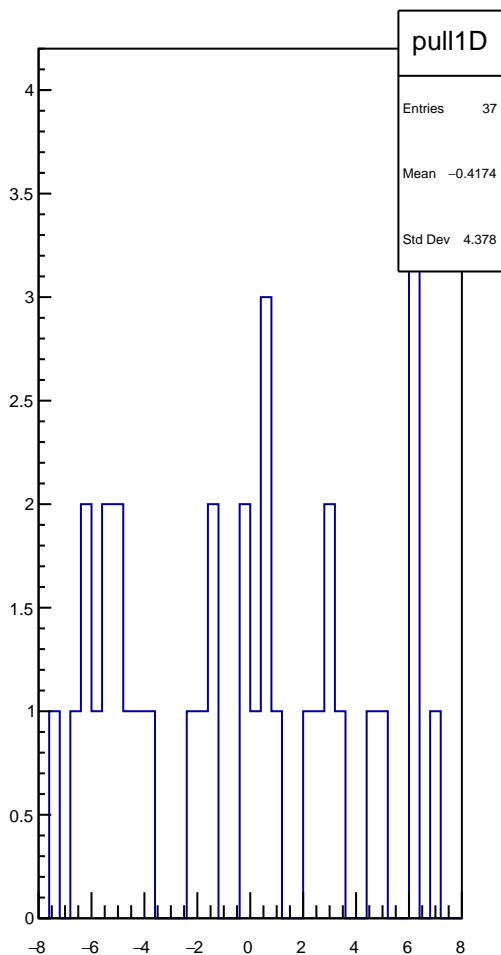
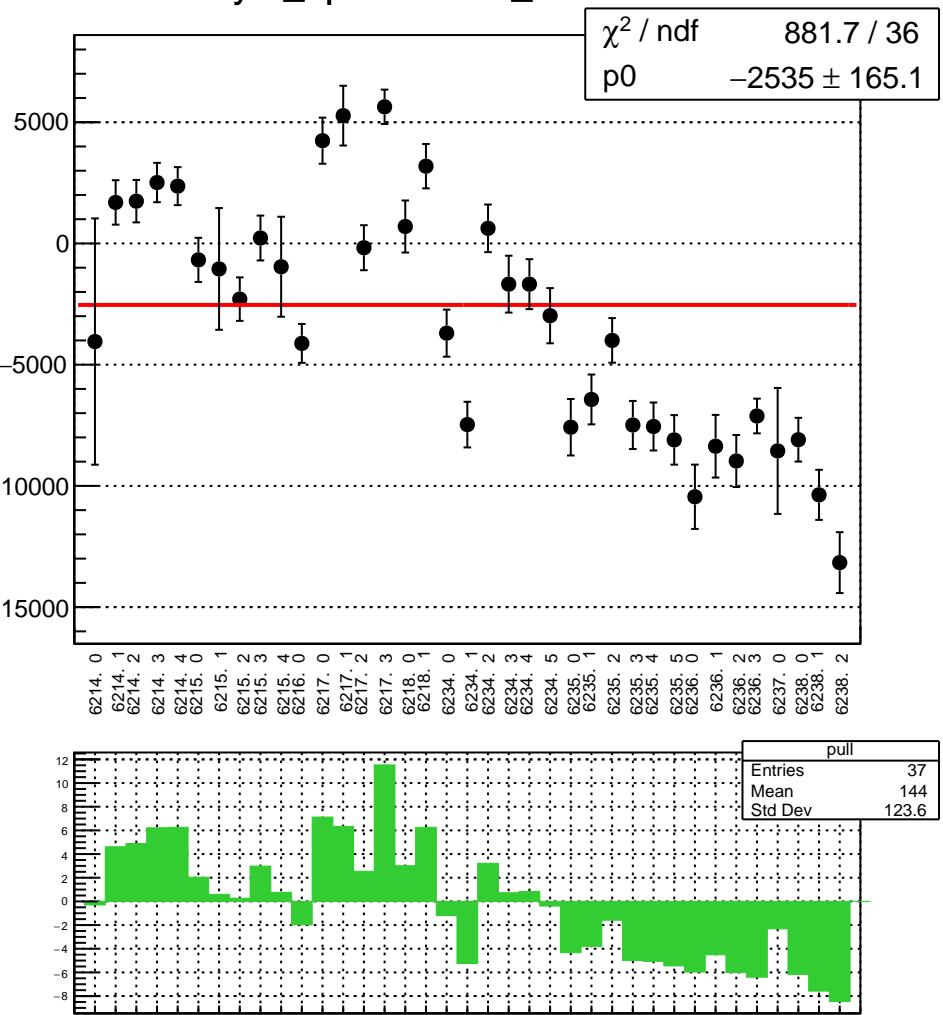
asym_bpm1i02WS_mean vs run



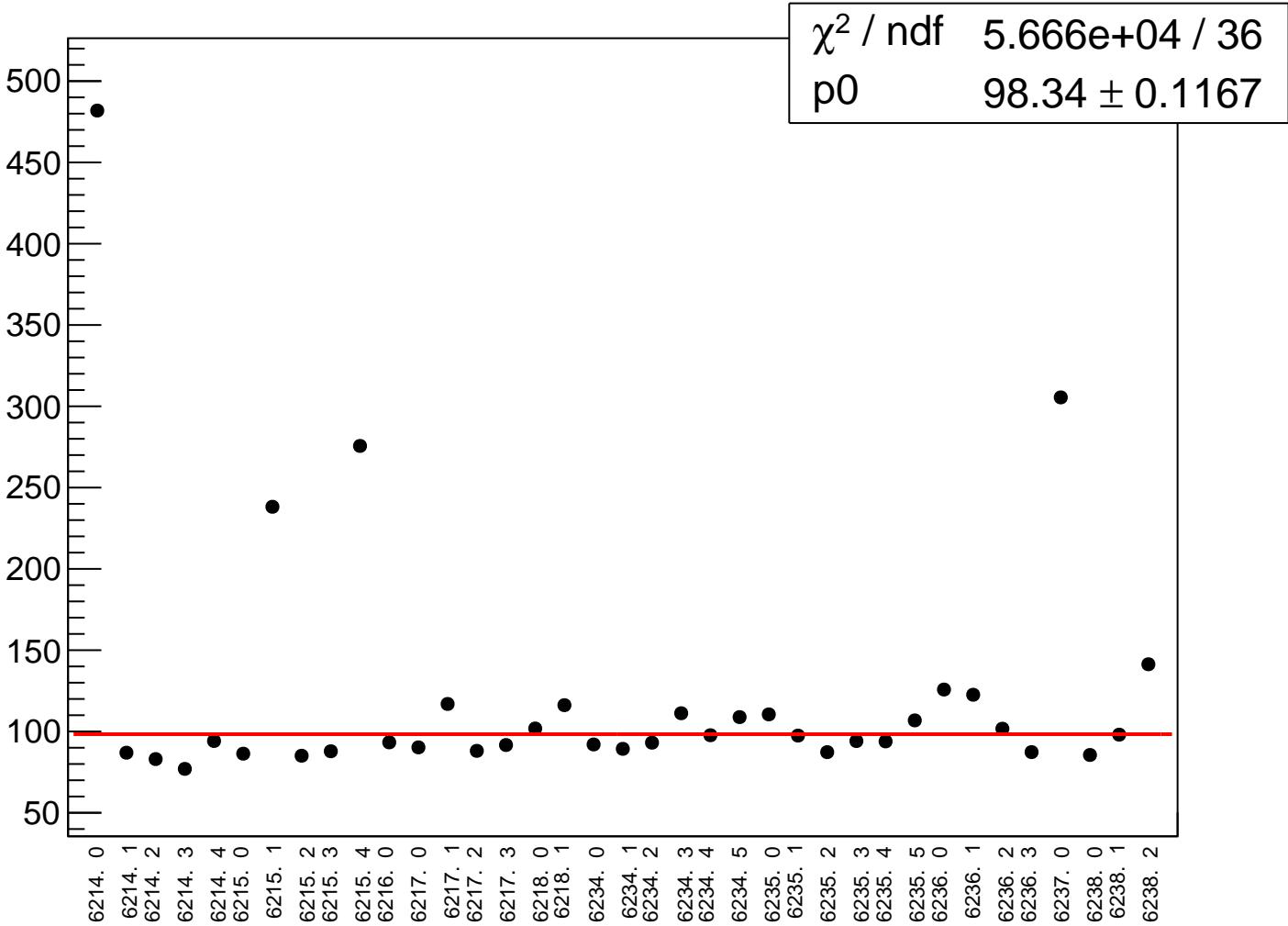
asym_bpm1i02WS_rms vs run



asym_bpm1i04WS_mean vs run



asym_bpm1i04WS_rms vs run



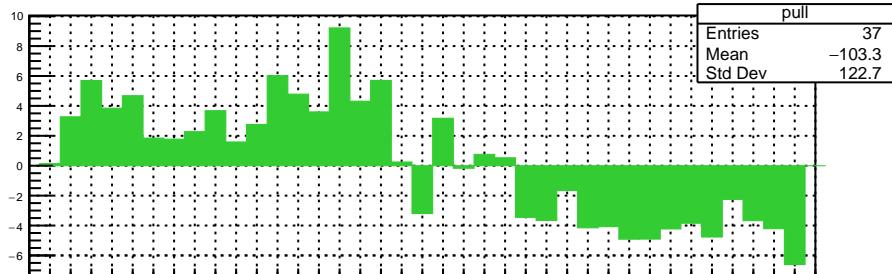
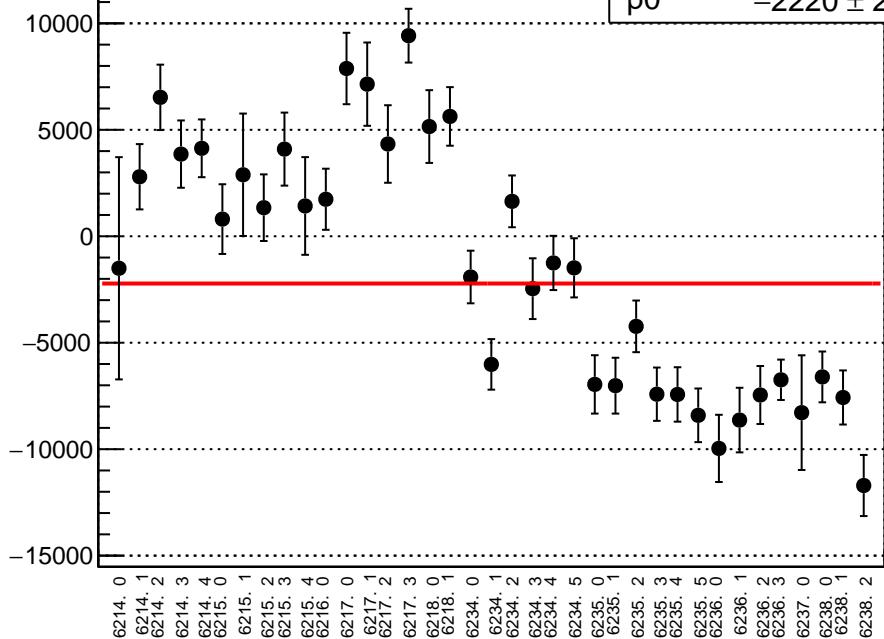
asym_bpm1i06WS_mean vs run

χ^2 / ndf

590.2 / 36

p0

-2220 ± 236.1

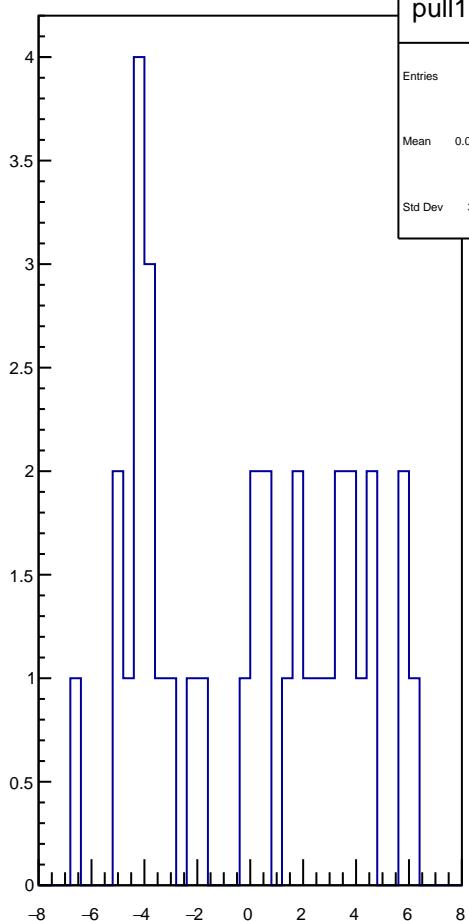


pull1D

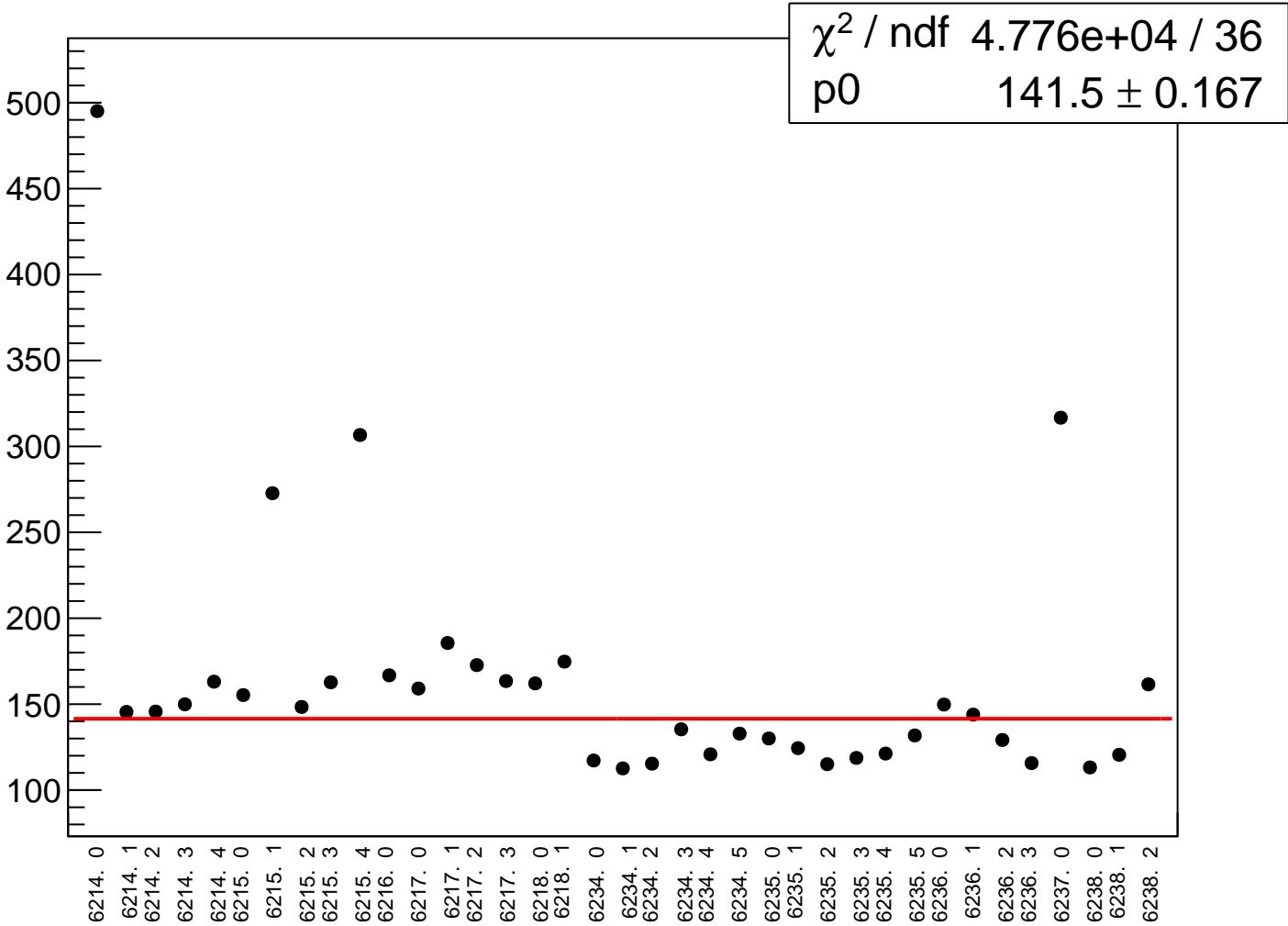
Entries 37

Mean 0.02547

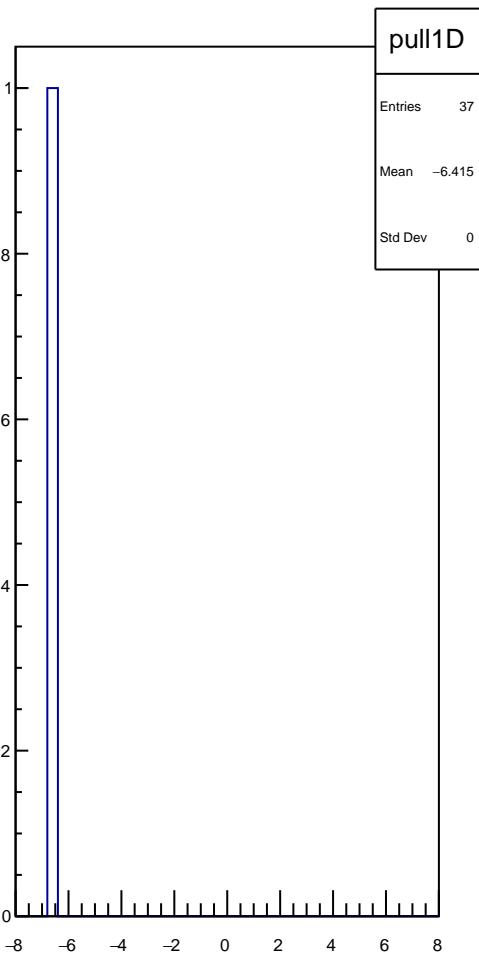
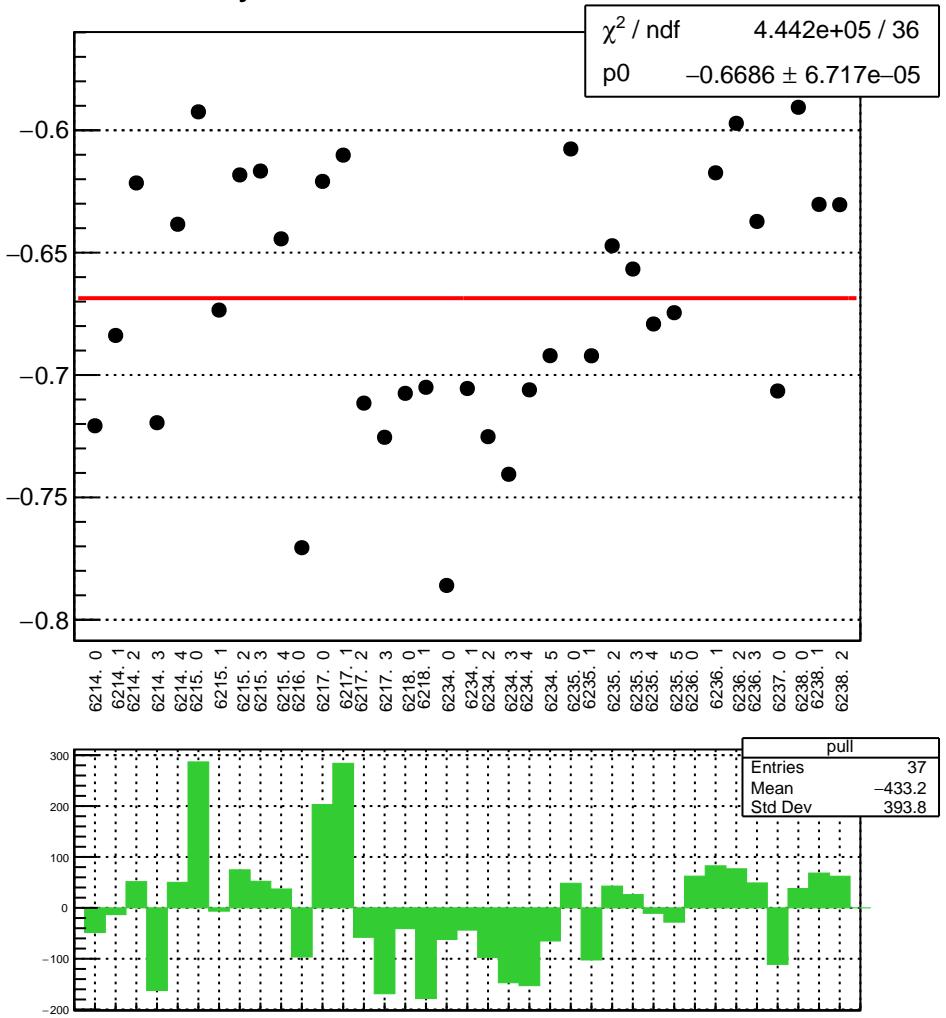
Std Dev 3.747



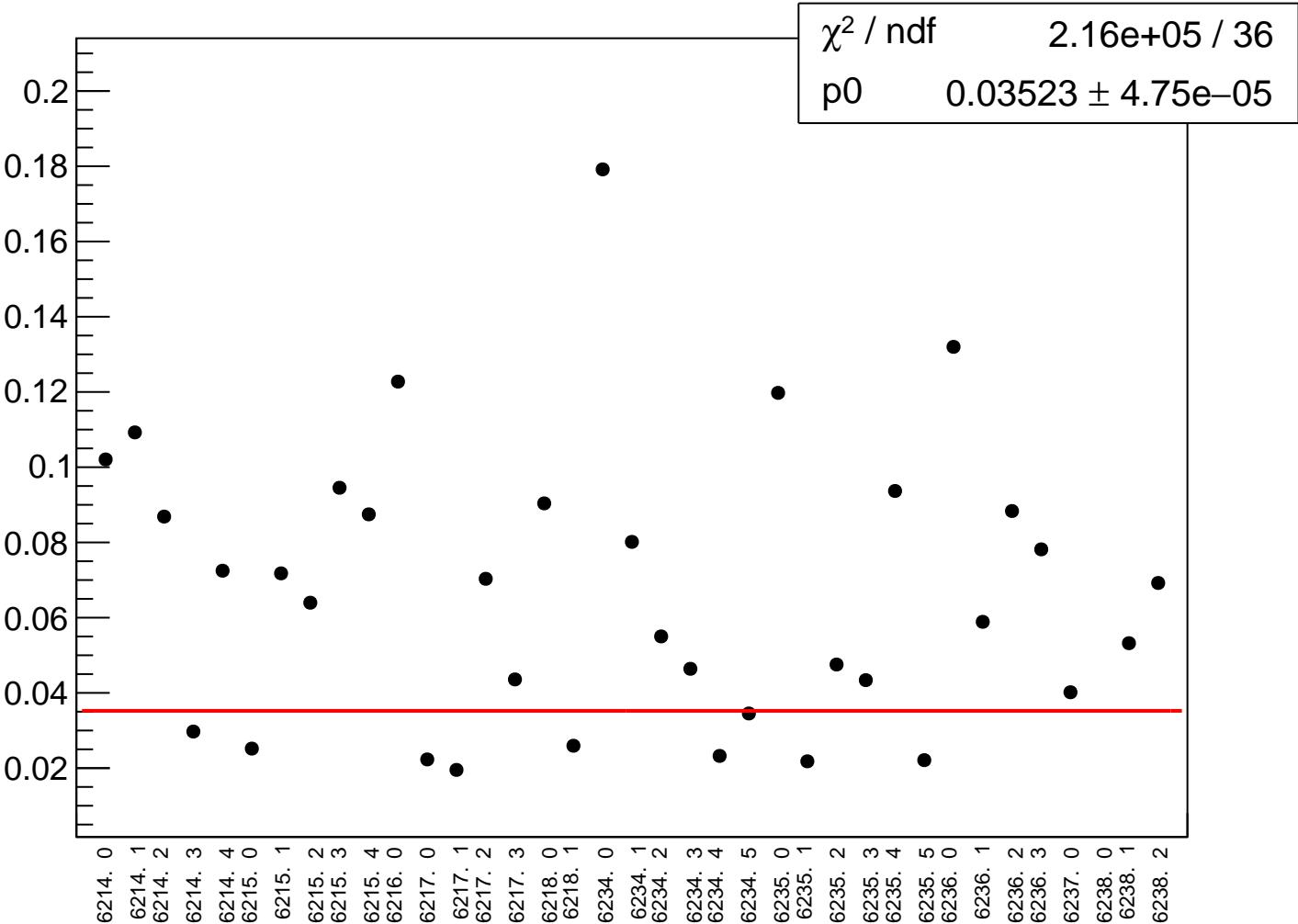
asym_bpm1i06WS_rms vs run



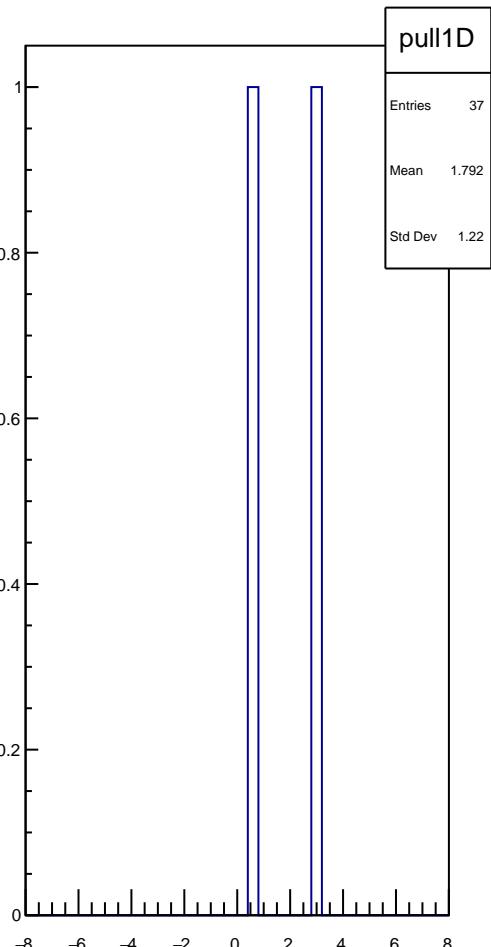
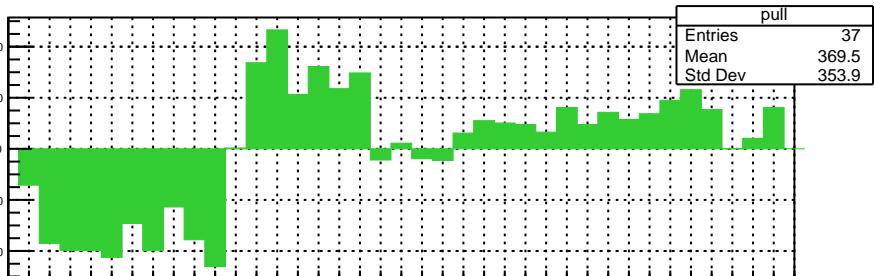
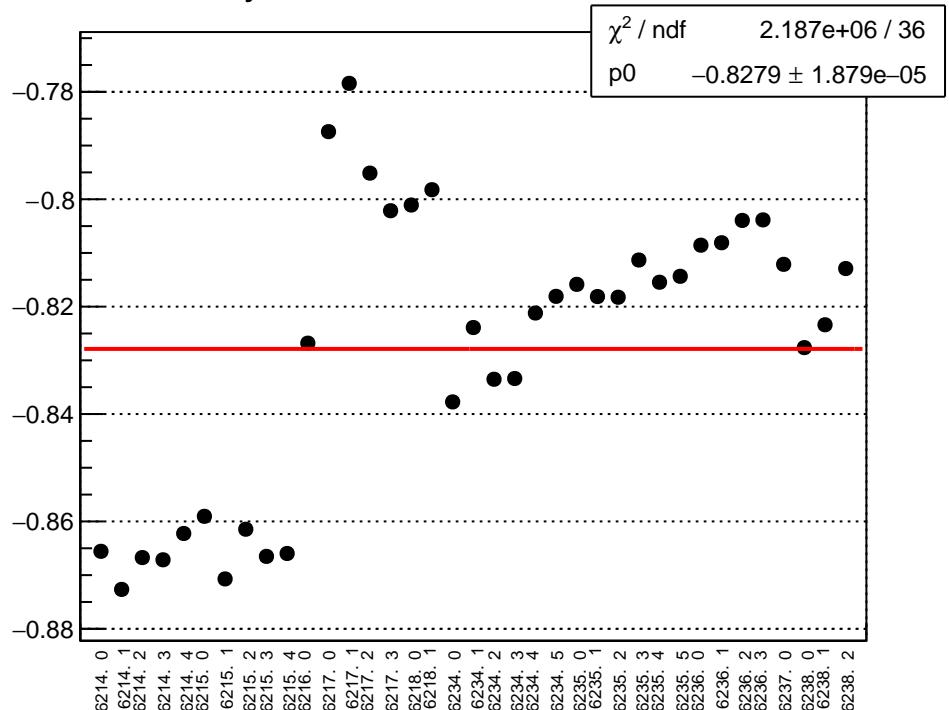
yield_cav4bX_mean vs run



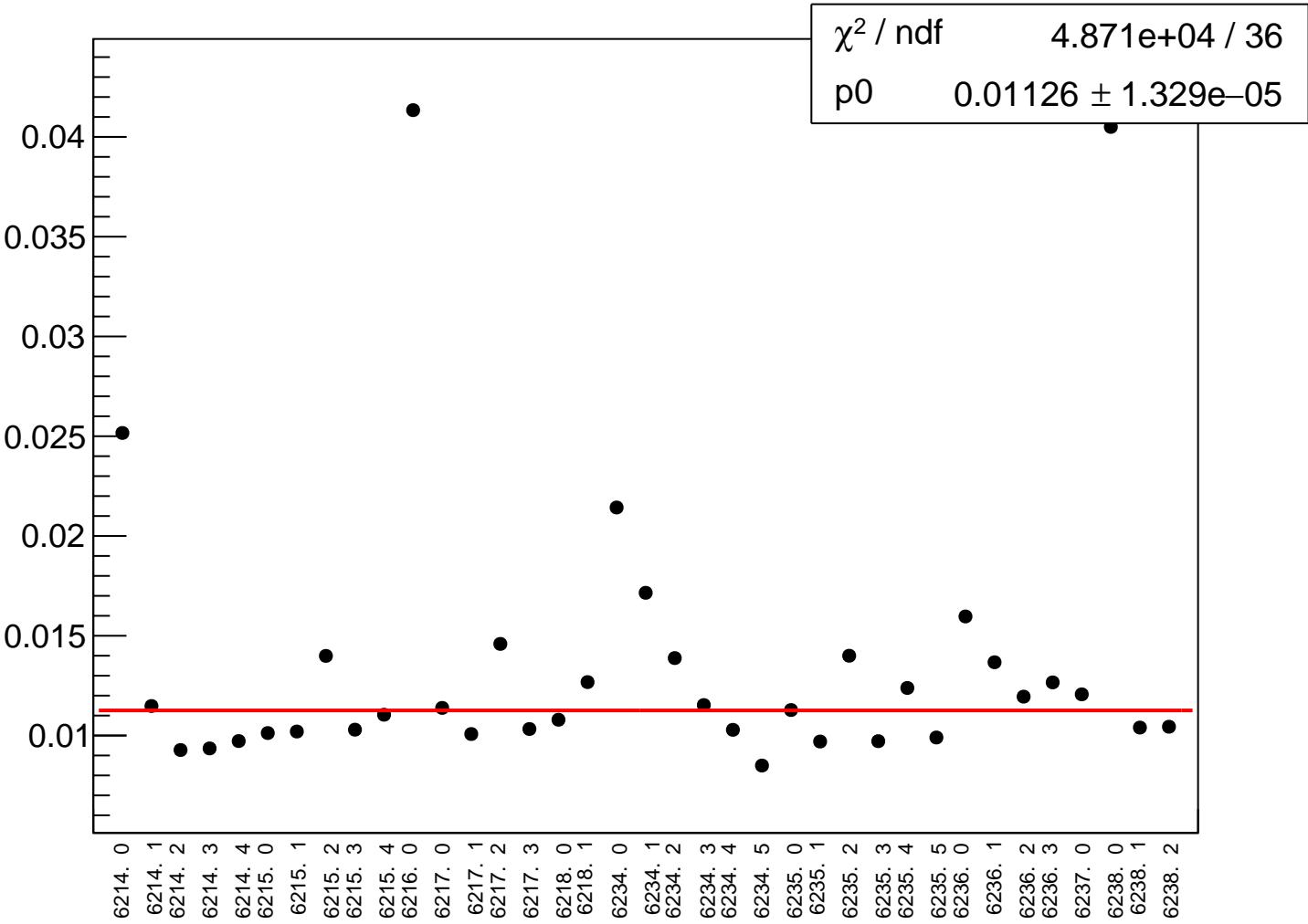
yield_cav4bX_rms vs run



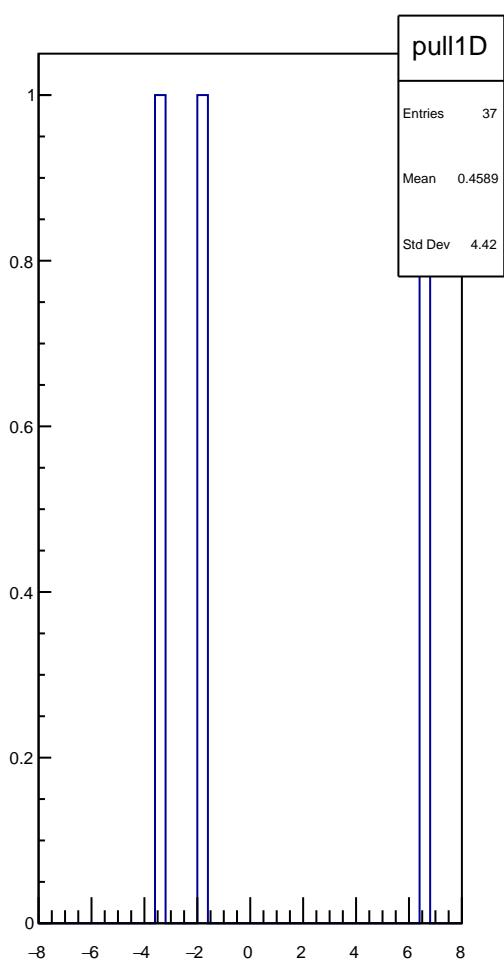
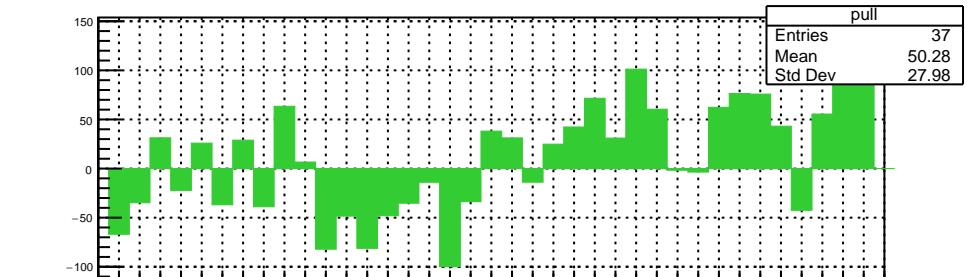
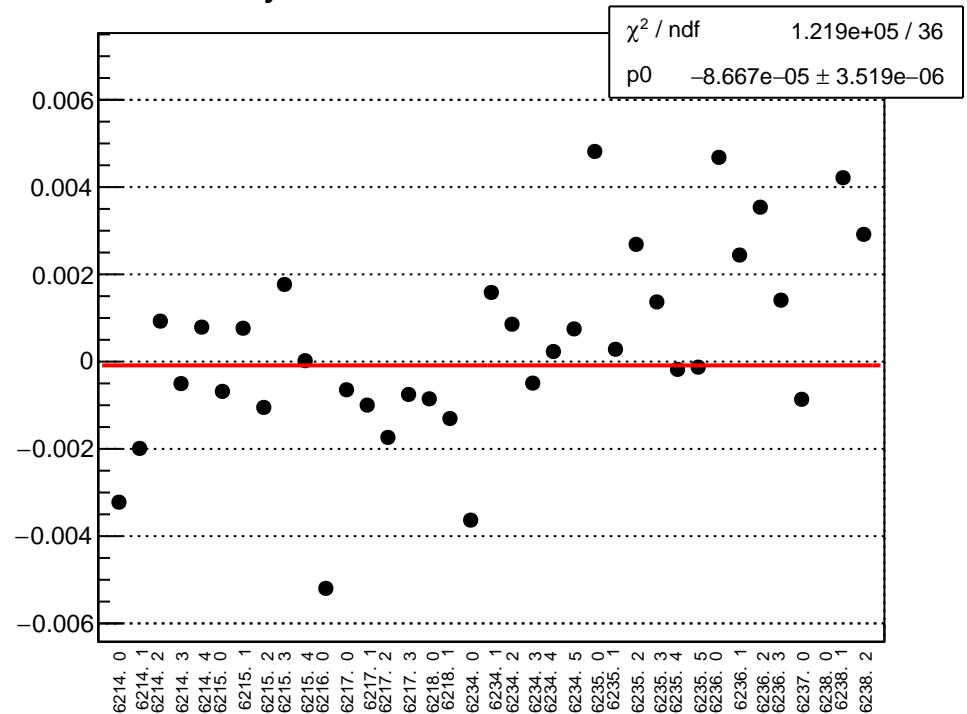
yield_cav4bY_mean vs run



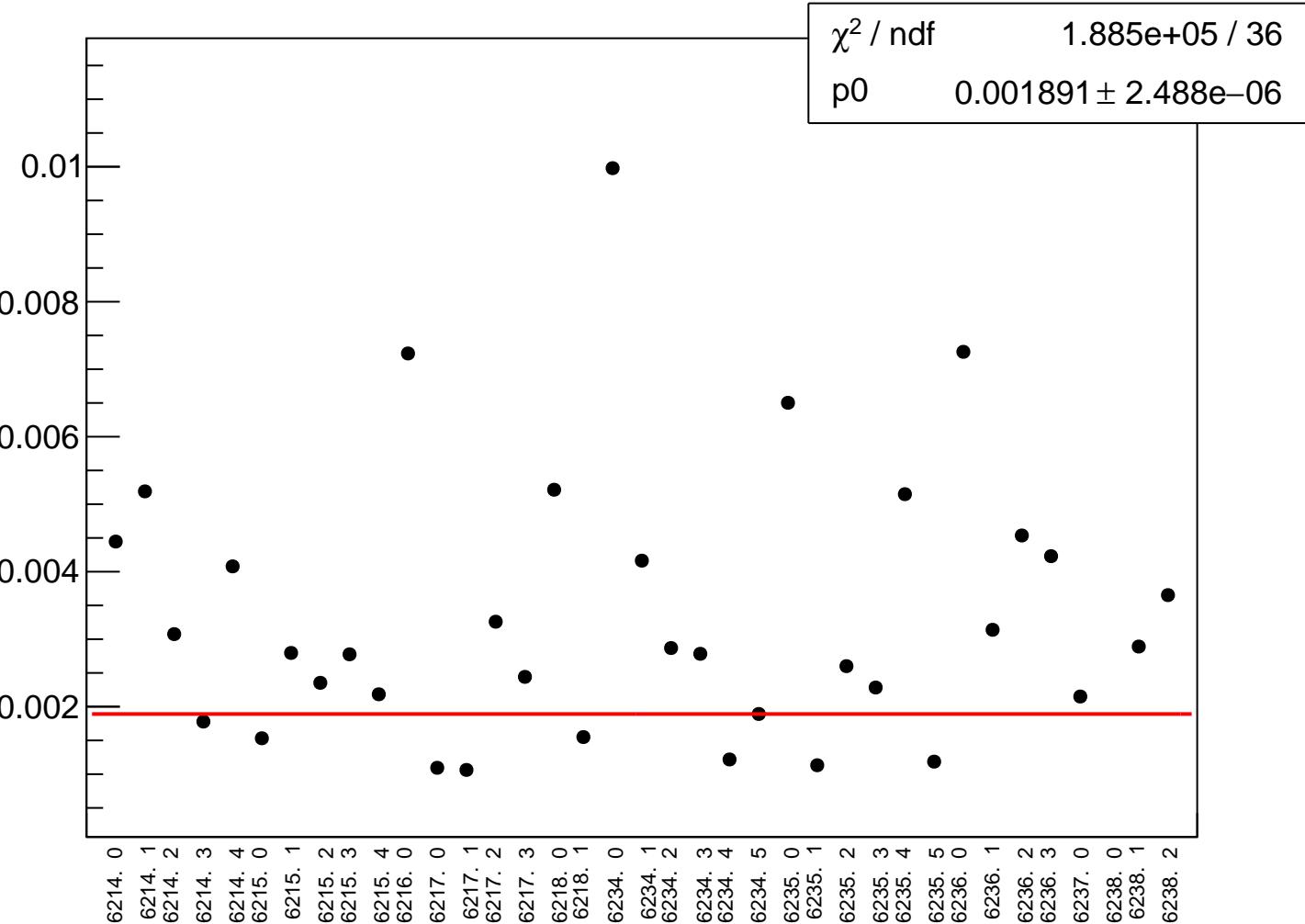
yield_cav4bY_rms vs run



yield_cav4cX_mean vs run

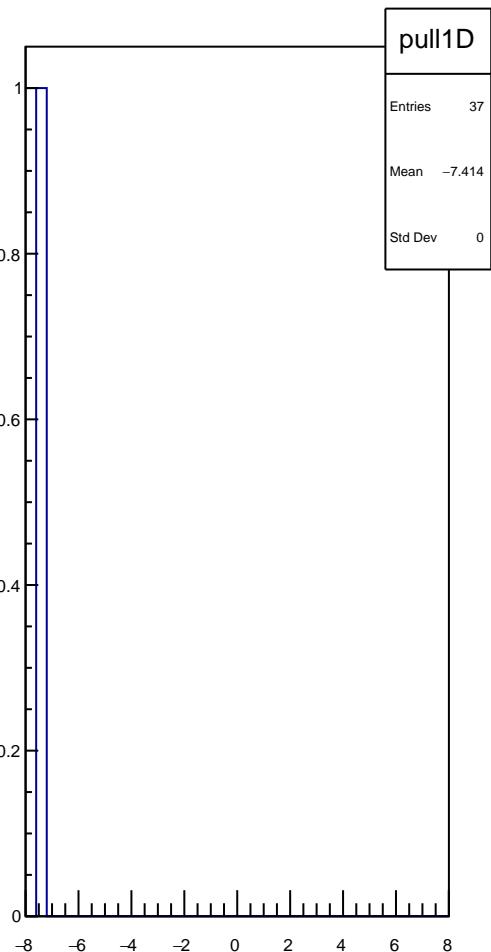
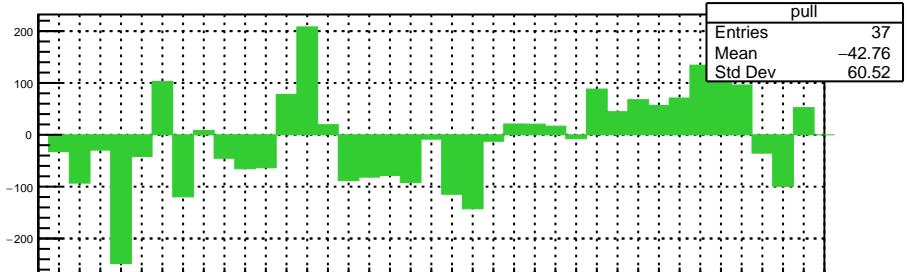
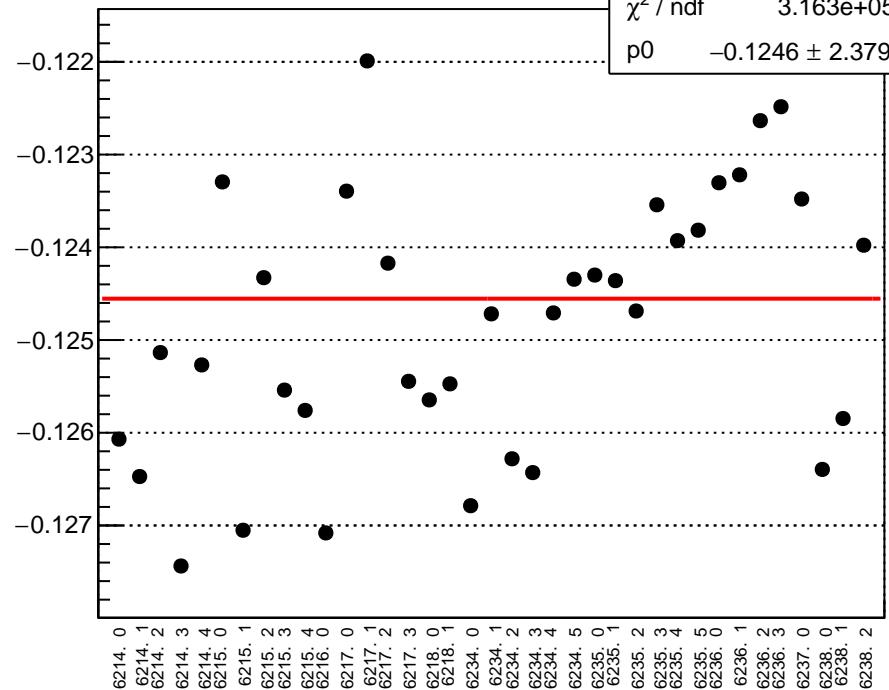


yield_cav4cX_rms vs run

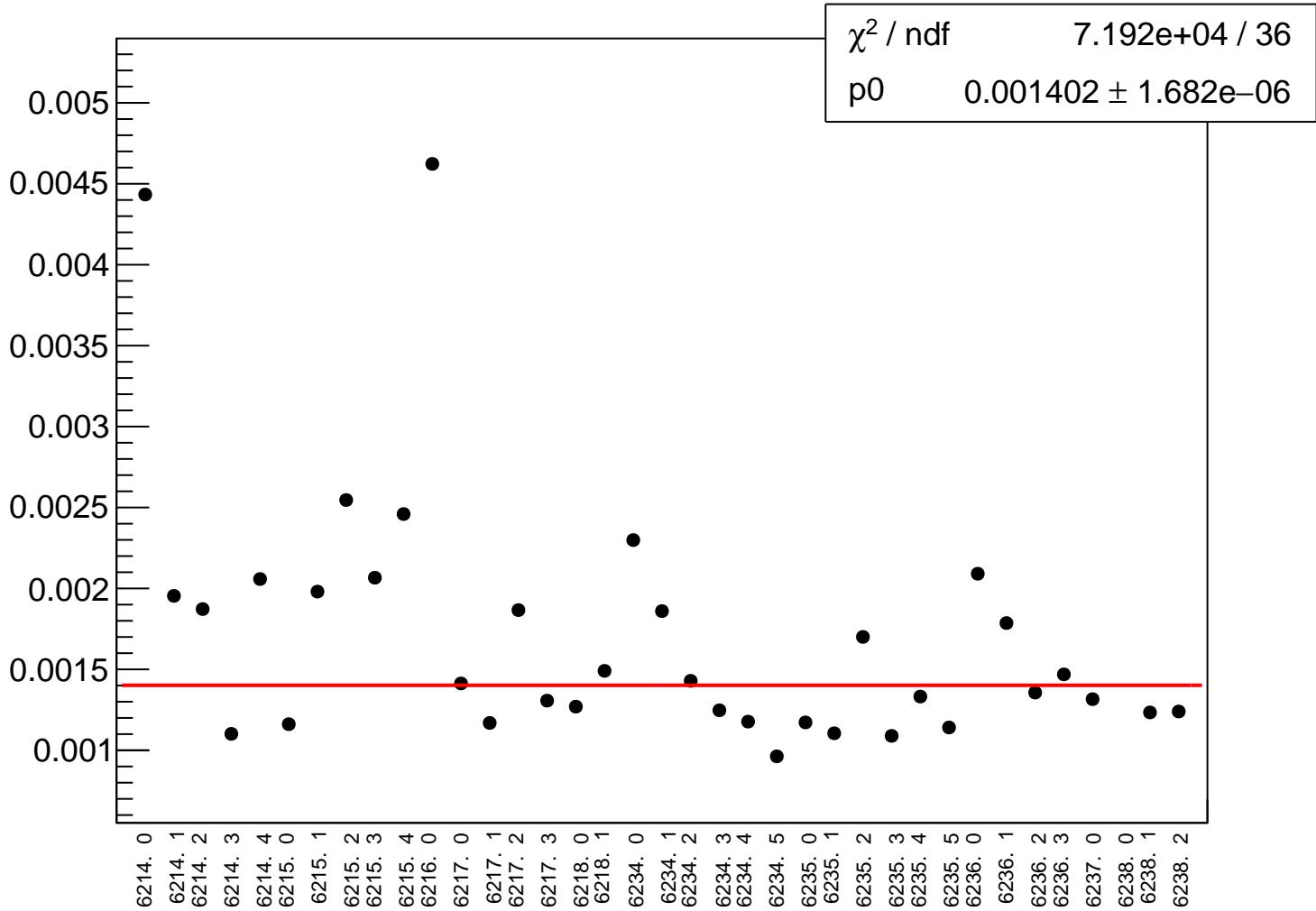


yield_cav4cY_mean vs run

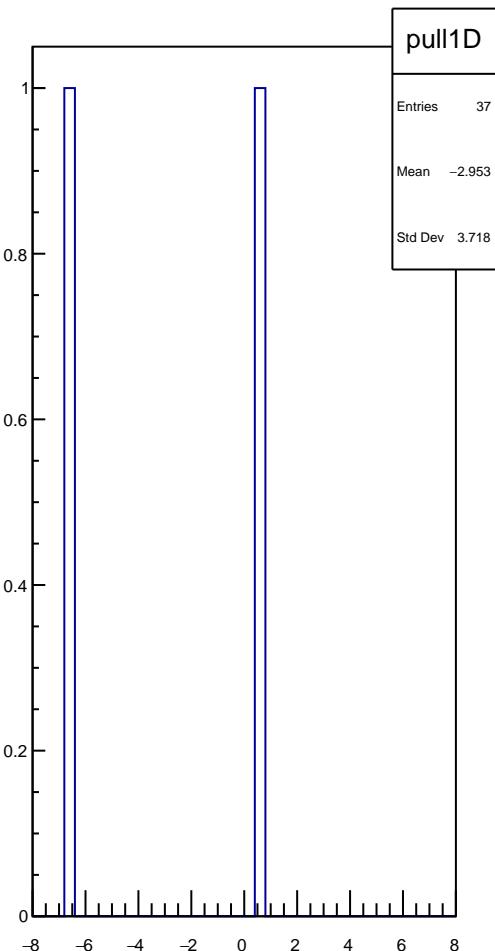
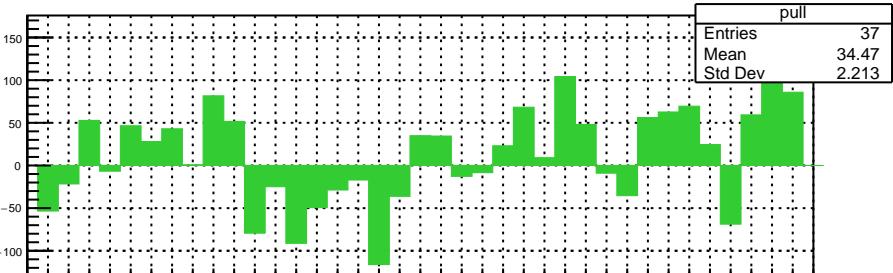
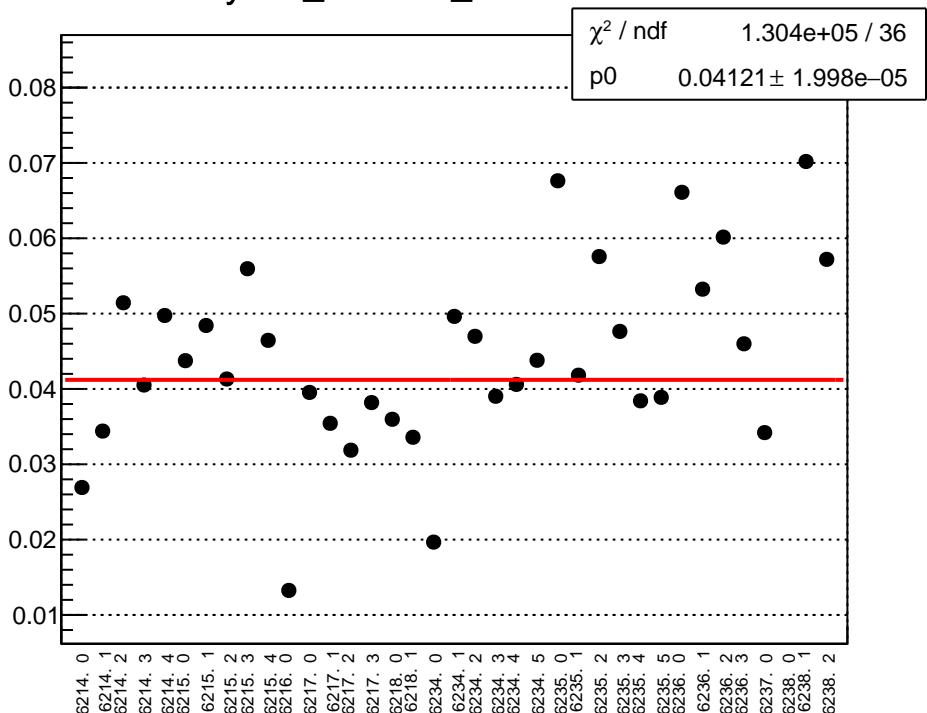
χ^2 / ndf 3.163e+05 / 36
 $p0$ $-0.1246 \pm 2.379\text{e}{-06}$



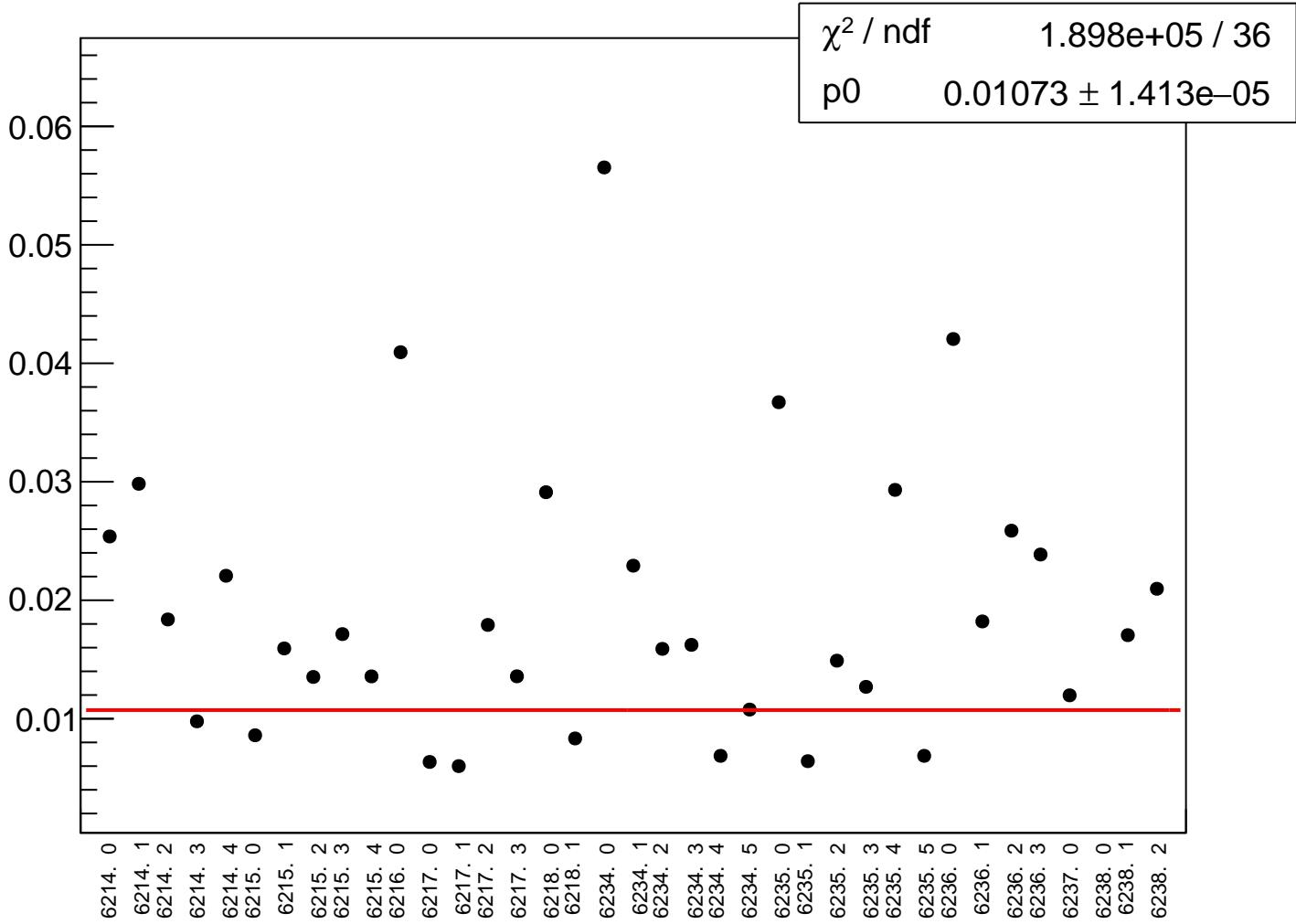
yield_cav4cY_rms vs run



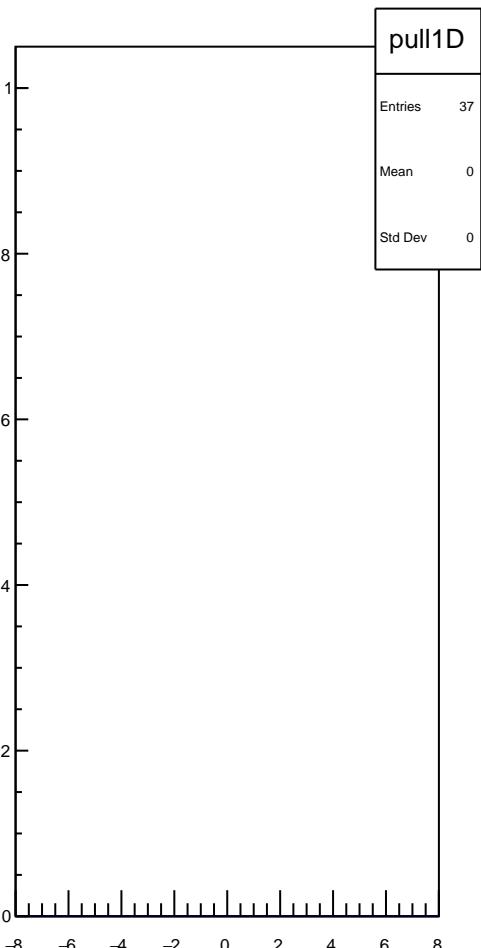
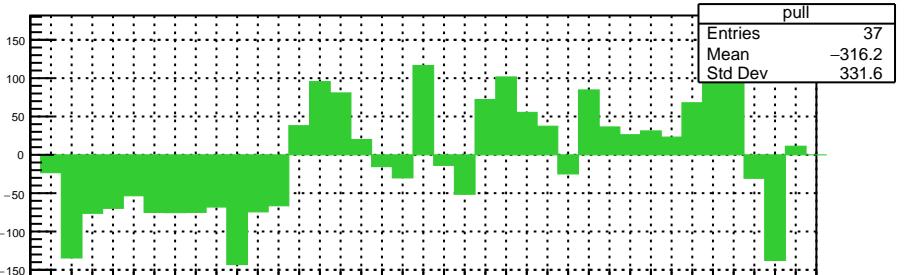
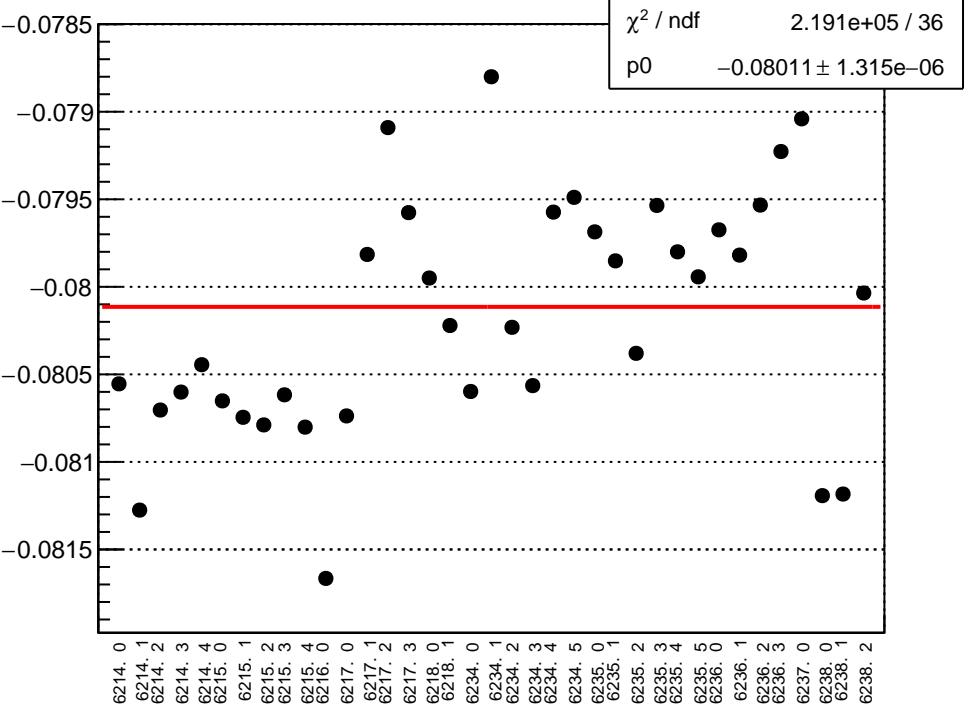
yield_cav4dX_mean vs run



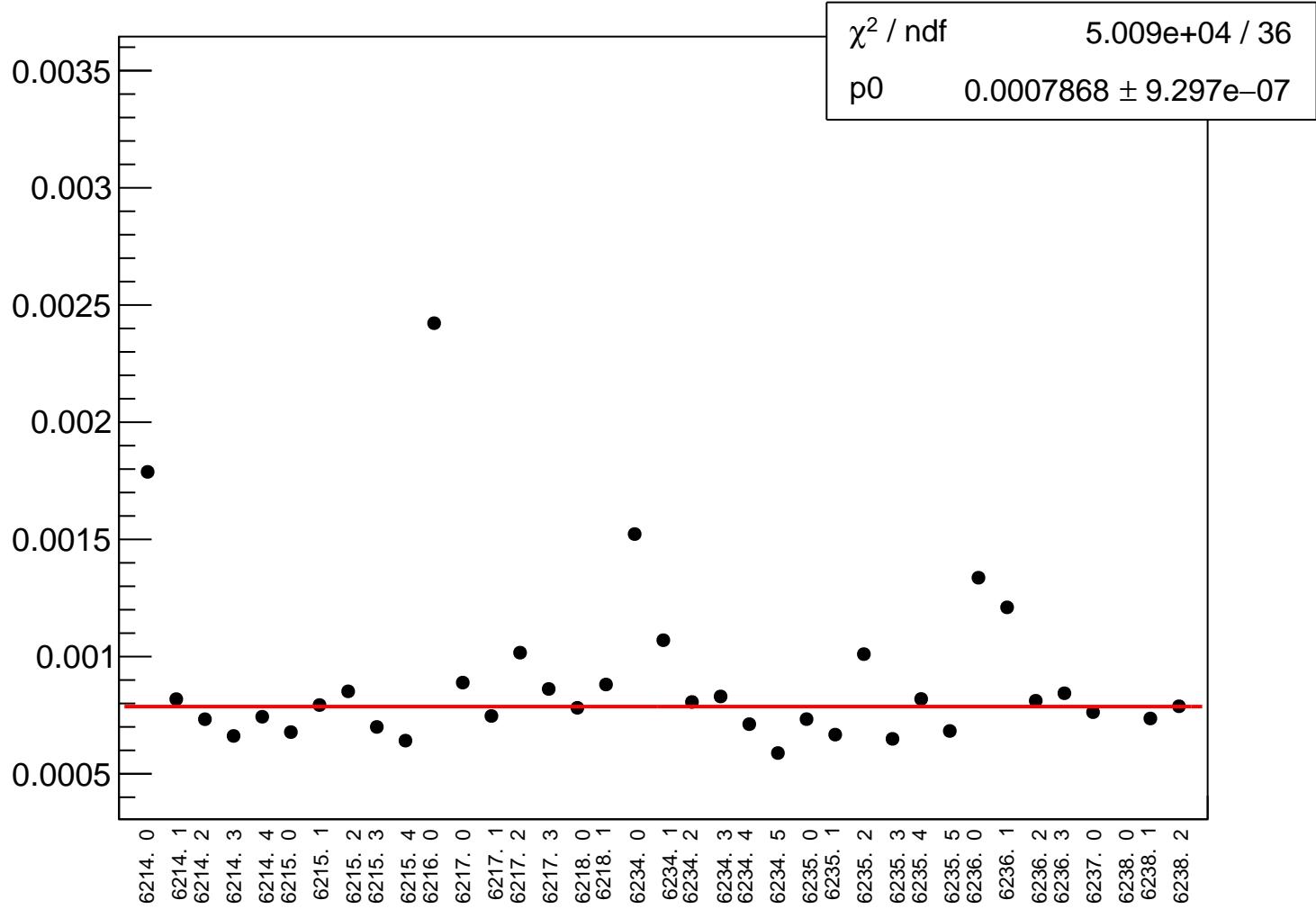
yield_cav4dX_rms vs run



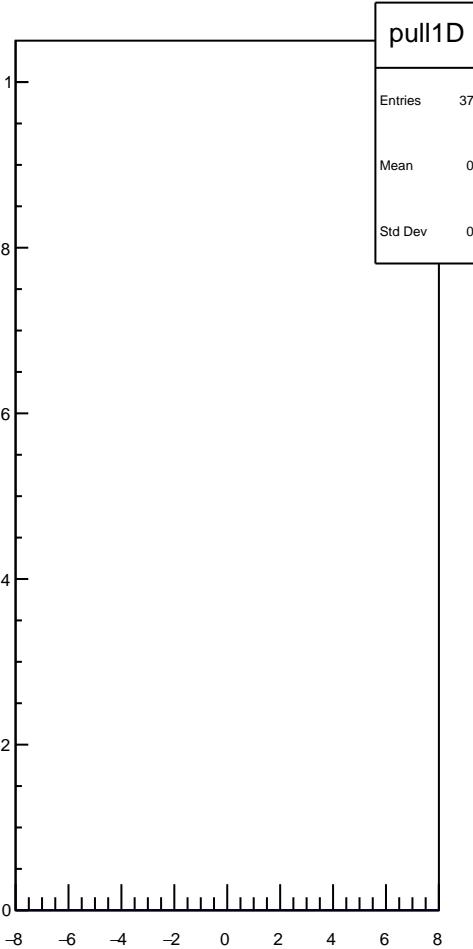
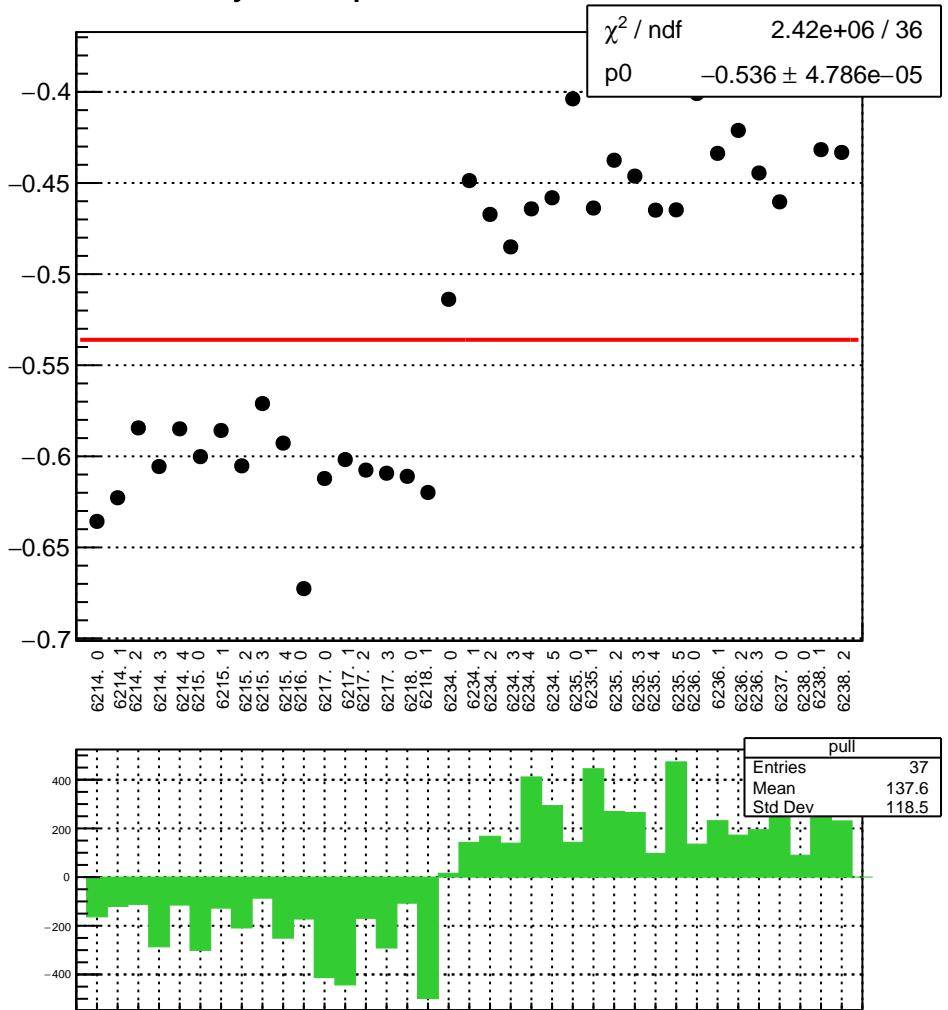
yield_cav4dY_mean vs run



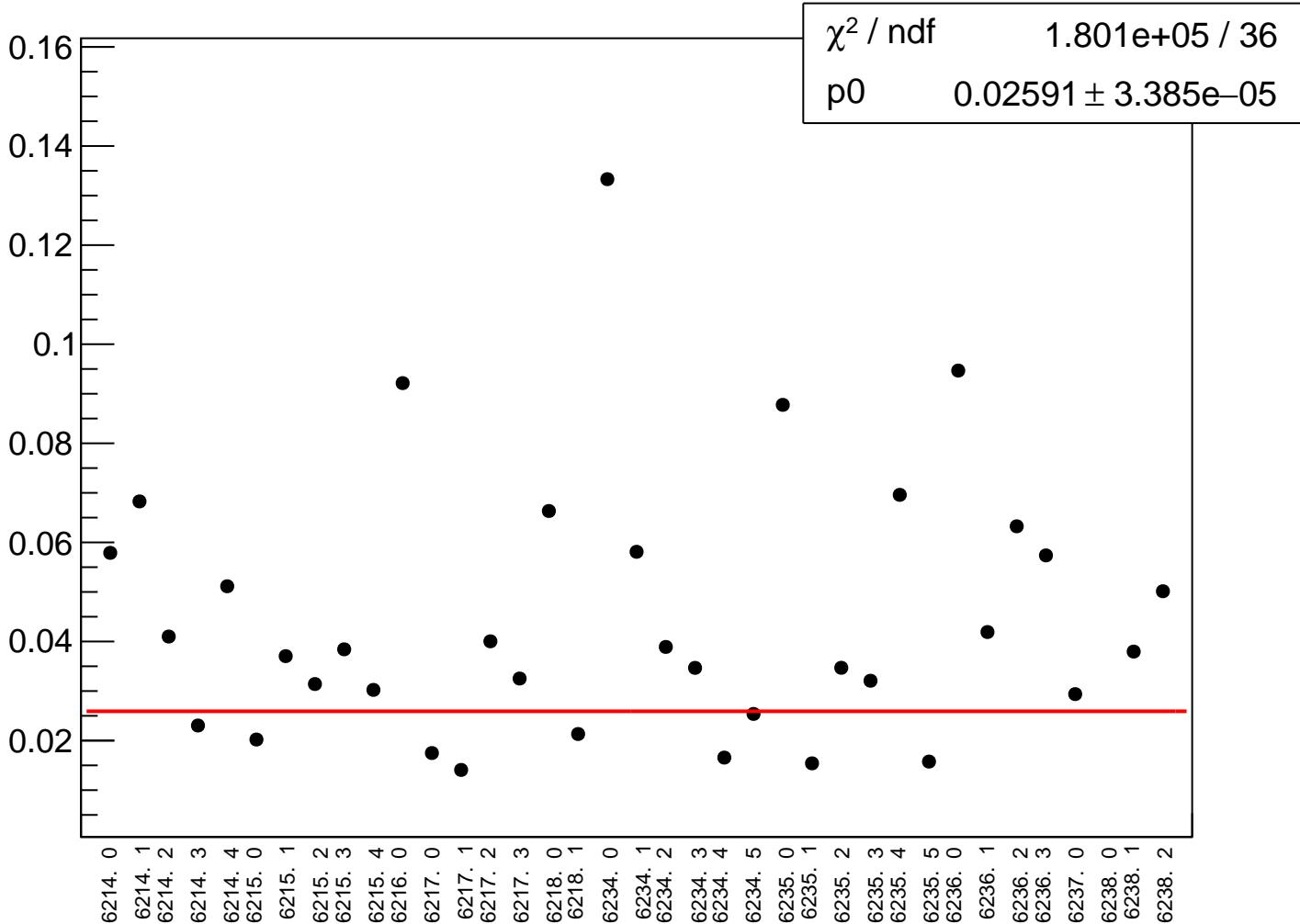
yield_cav4dY_rms vs run



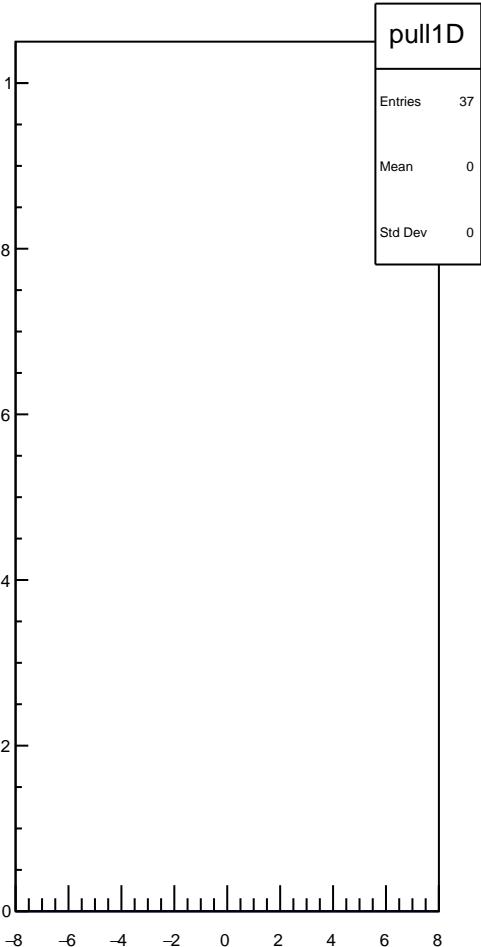
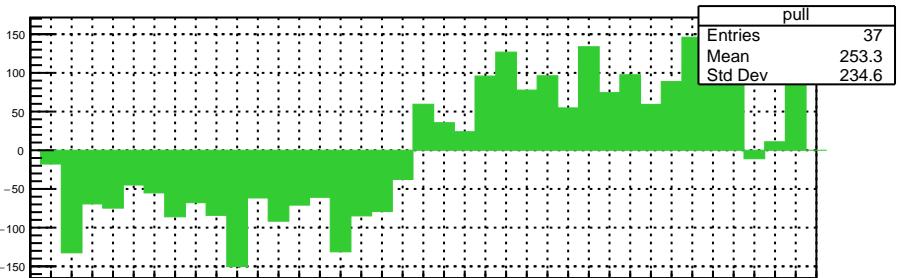
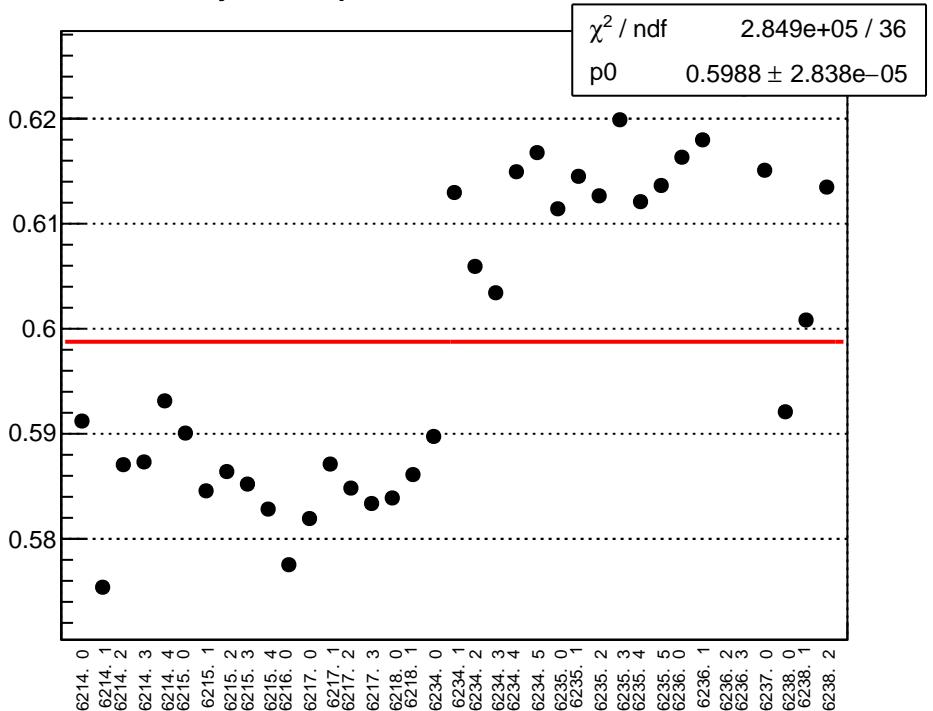
yield_bpm4aX_mean vs run



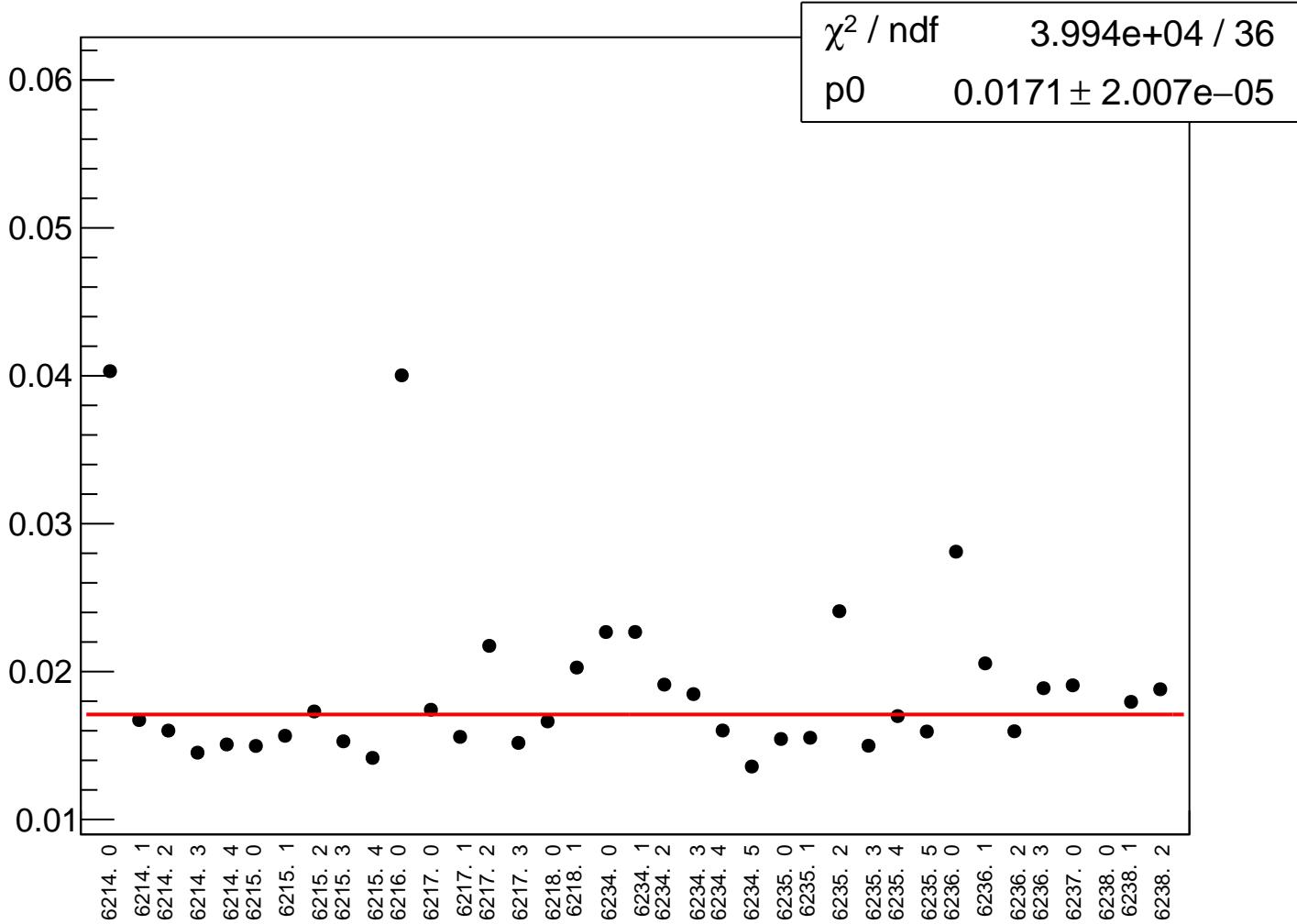
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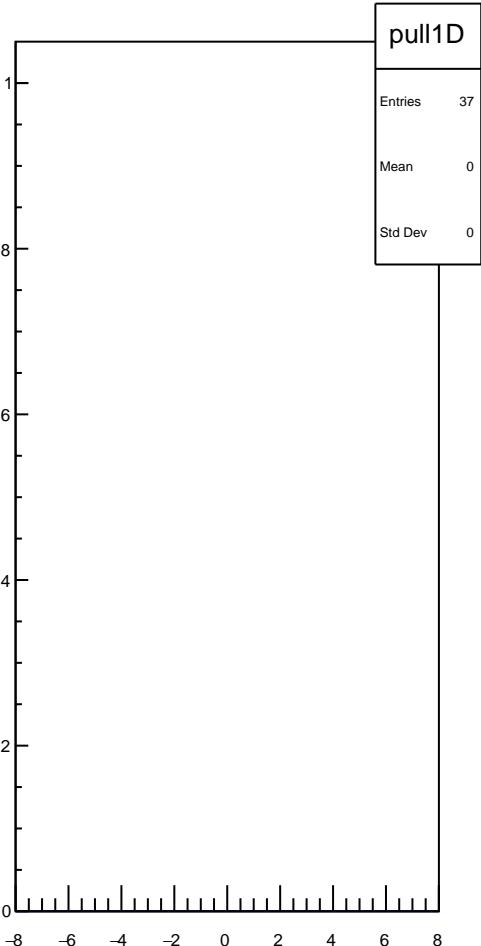
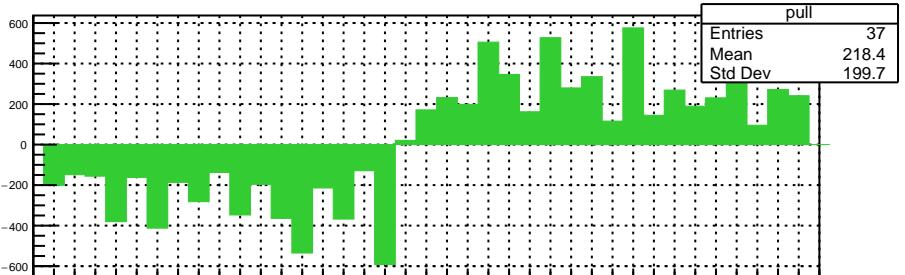
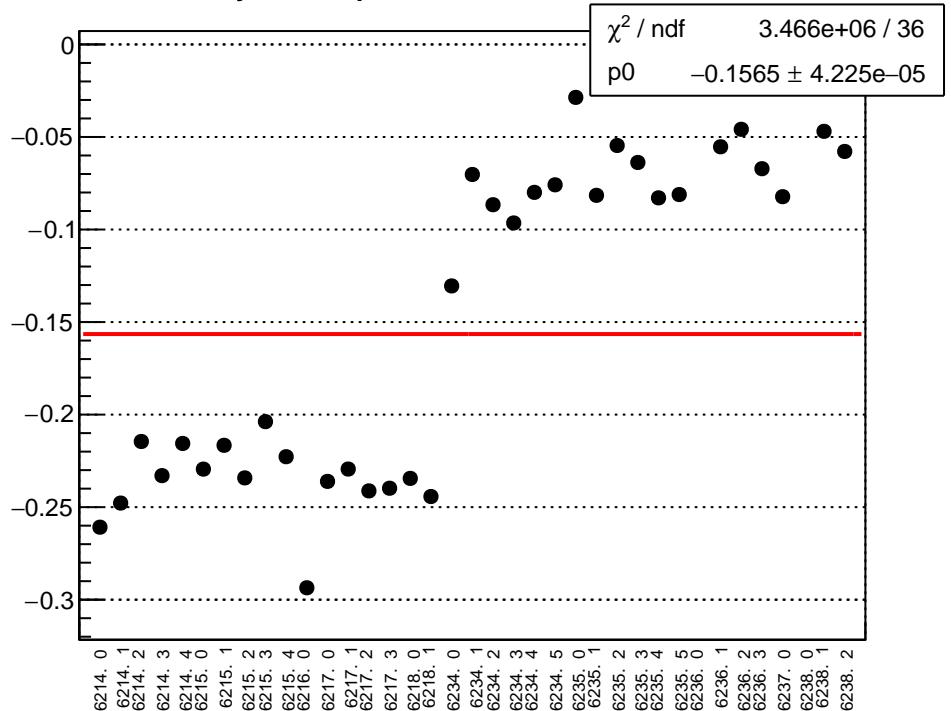
yield_bpm4aY_mean vs run



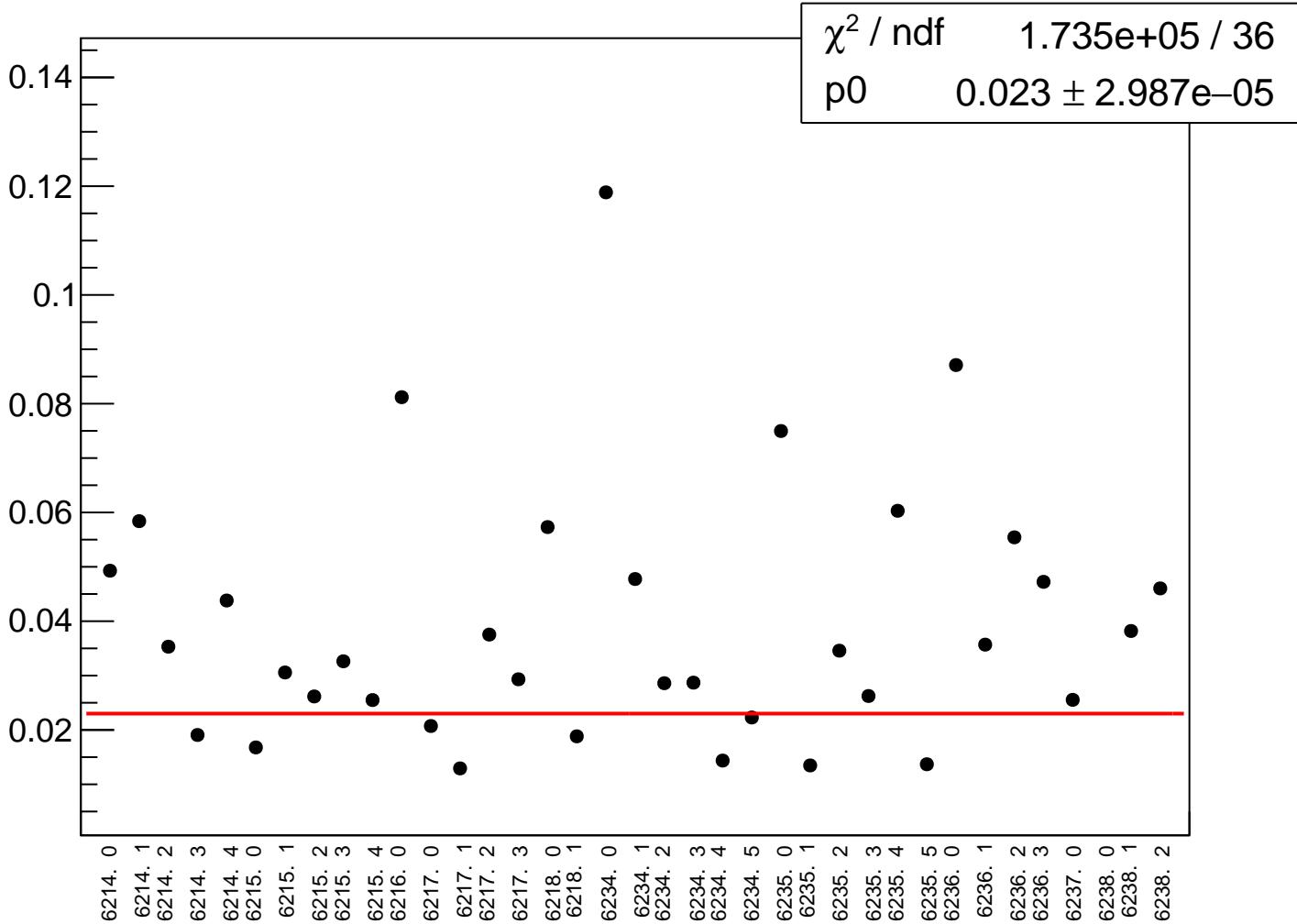
yield_bpm4aY_rms vs run



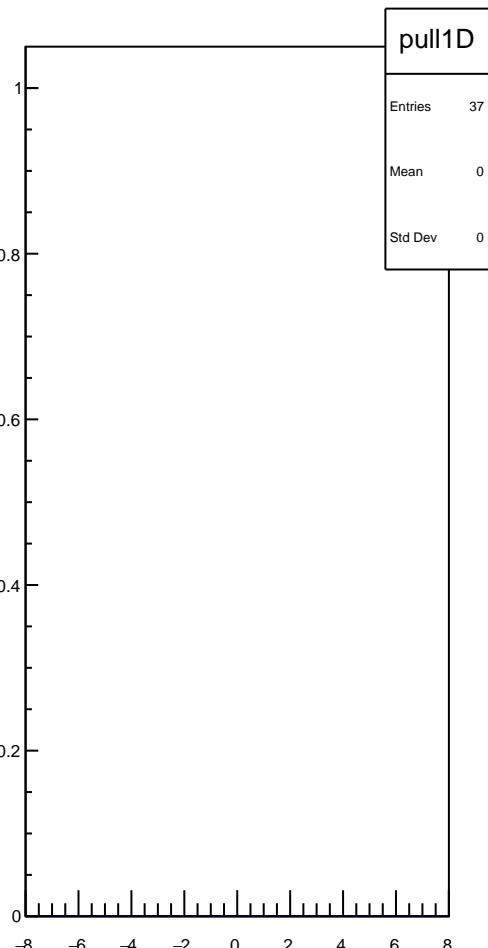
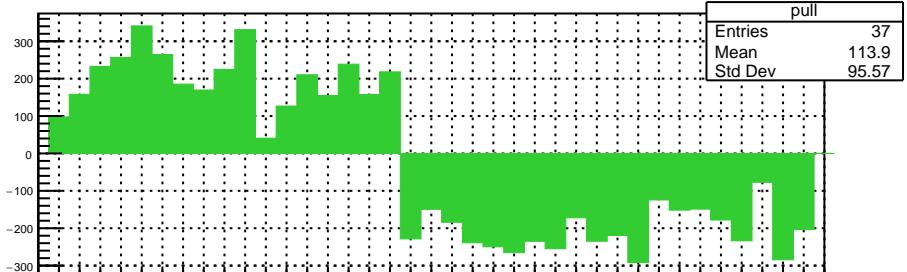
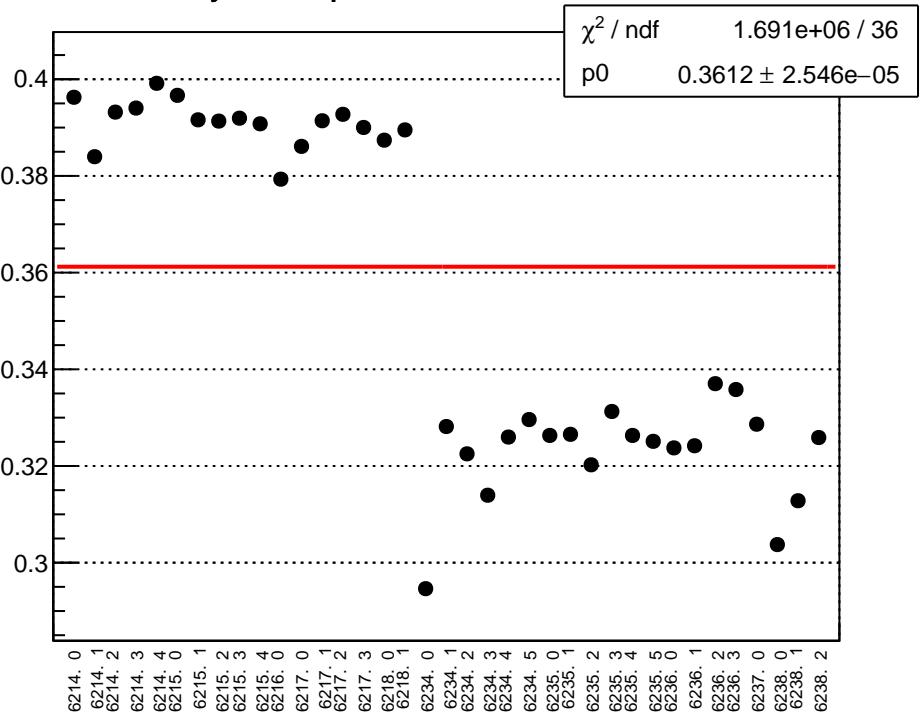
yield_bpm4eX_mean vs run



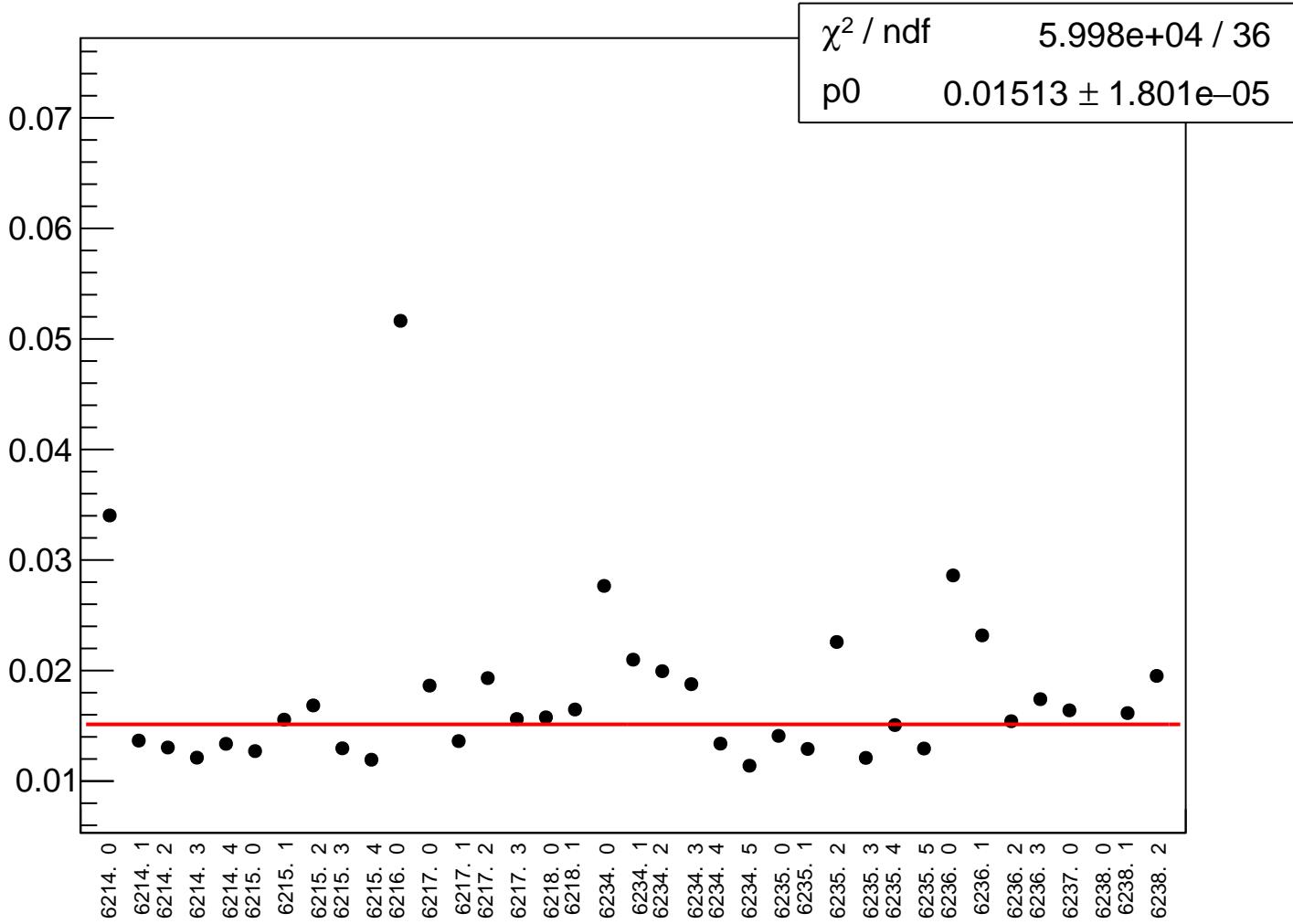
yield_bpm4eX_rms vs run



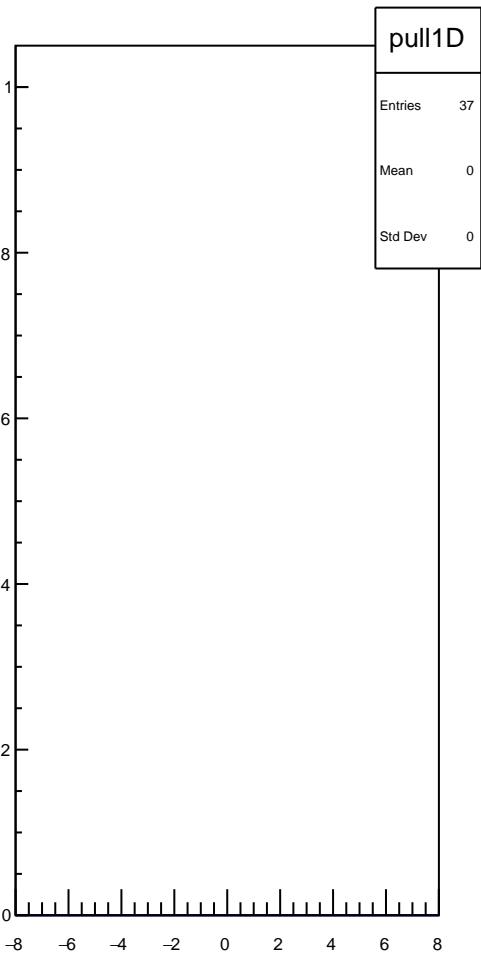
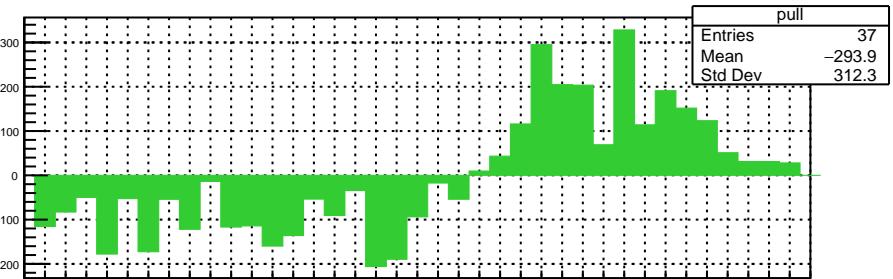
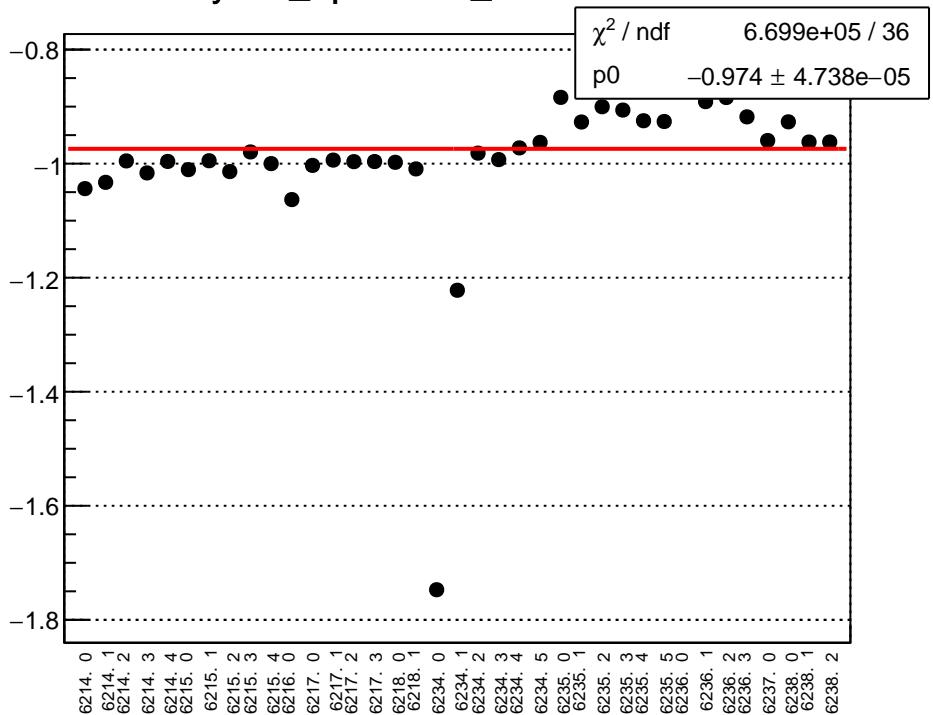
yield_bpm4eY_mean vs run



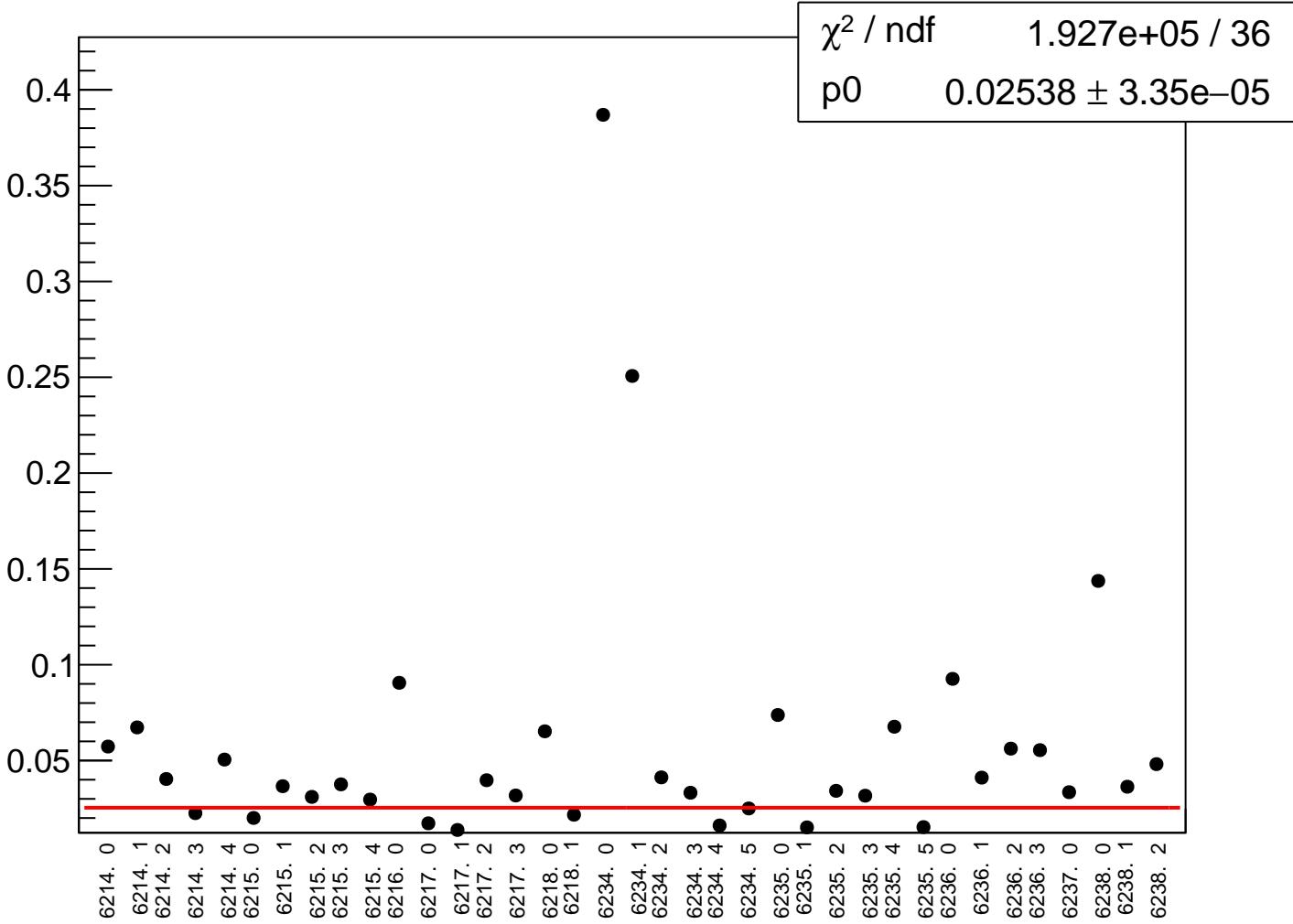
yield_bpm4eY_rms vs run



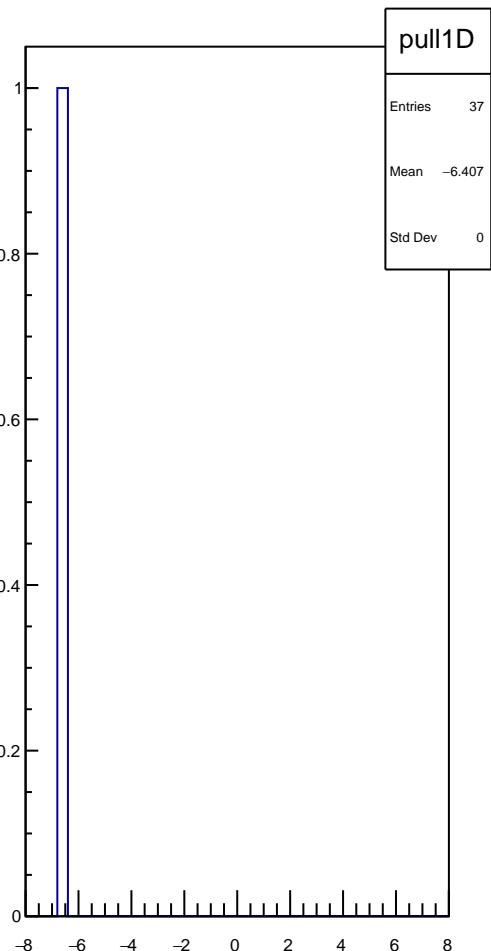
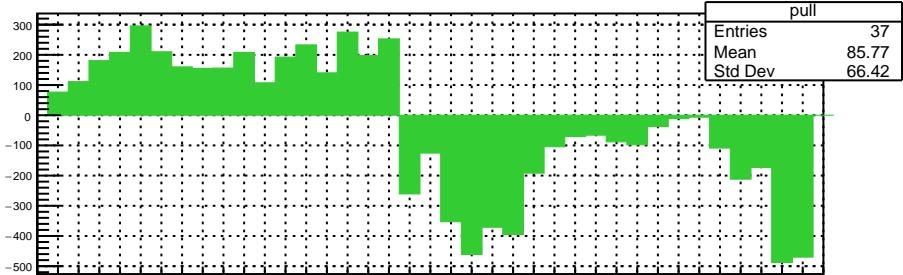
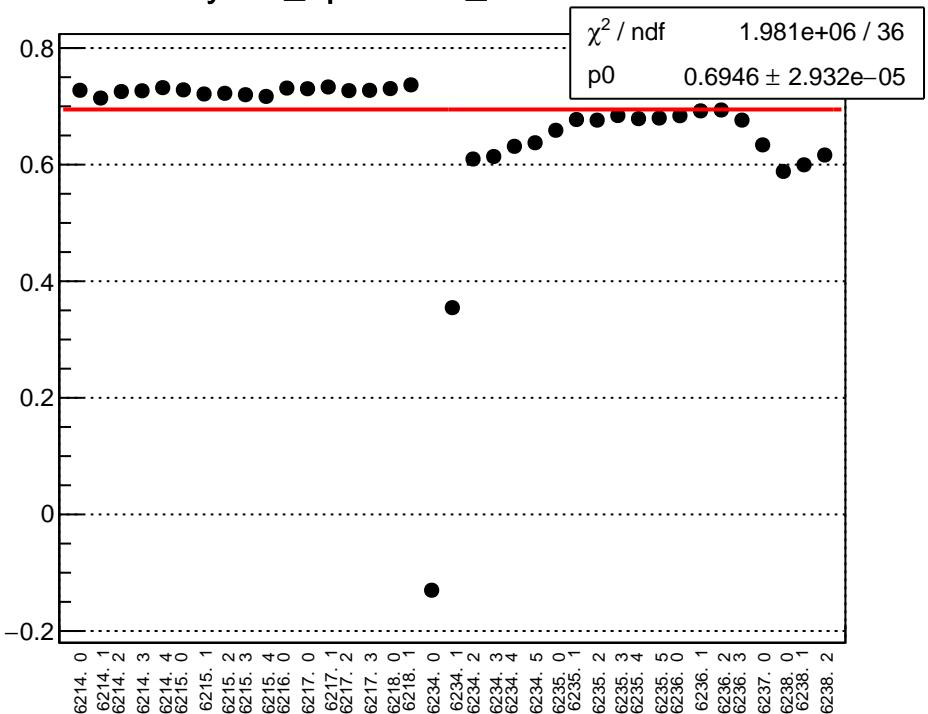
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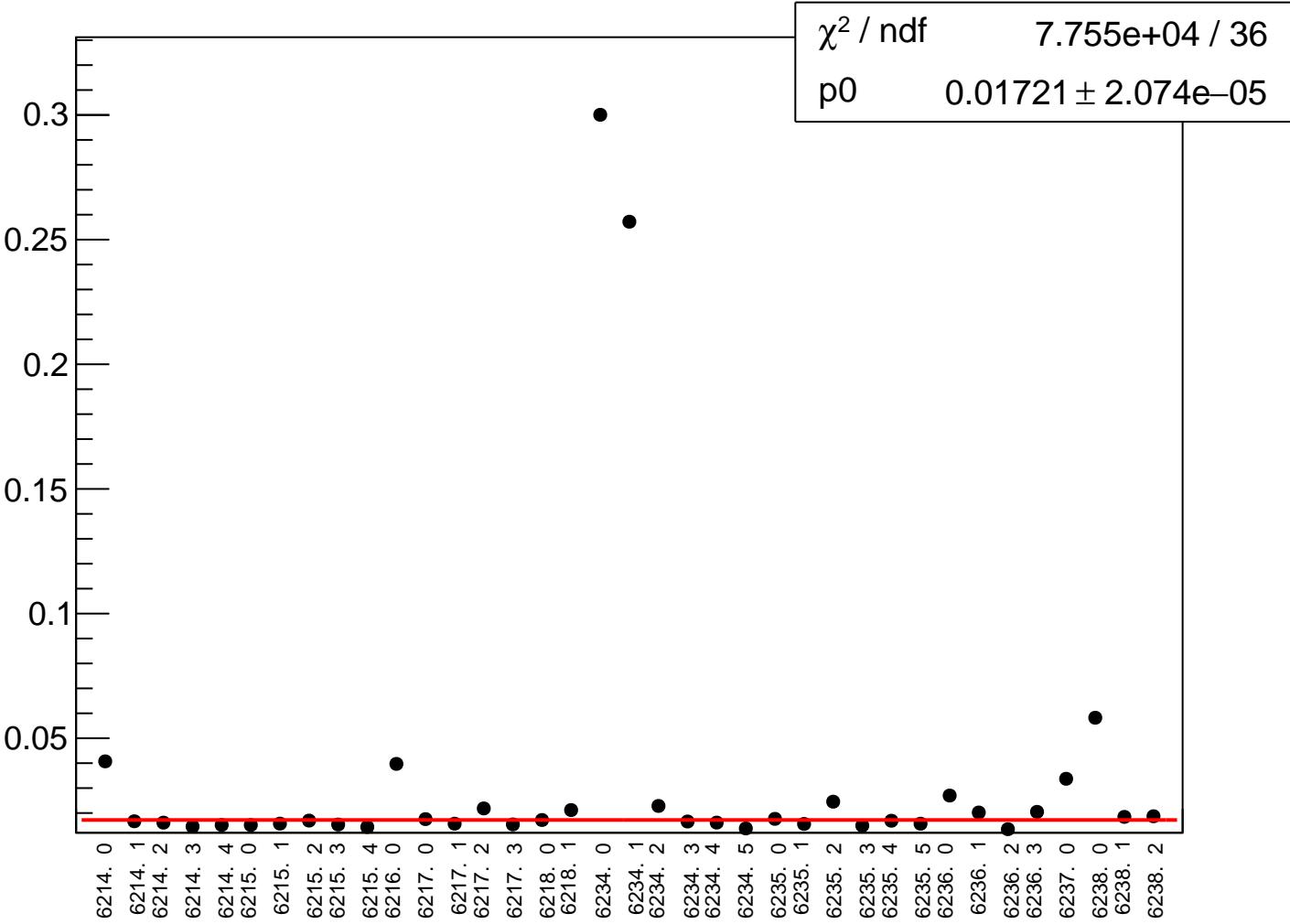
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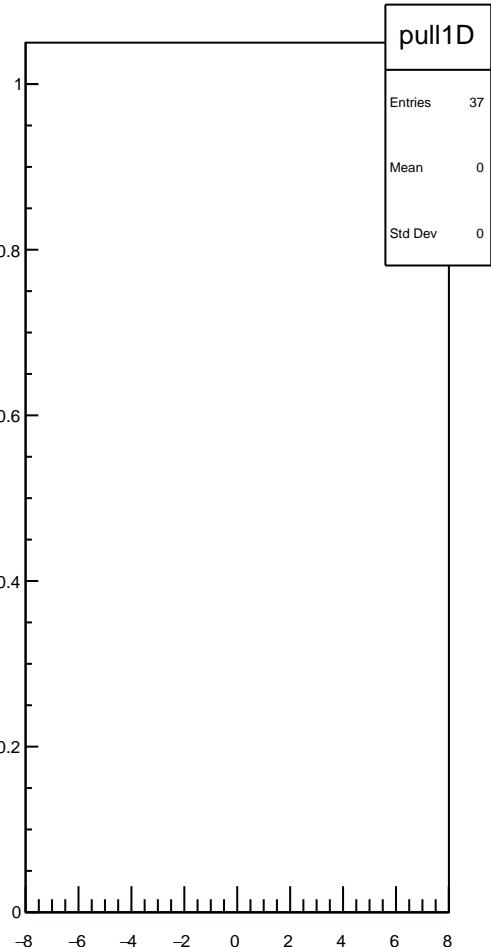
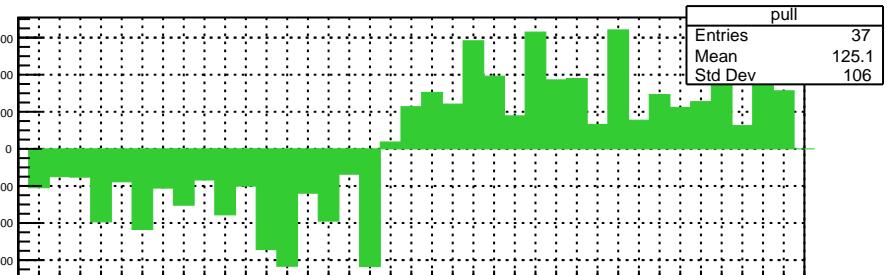
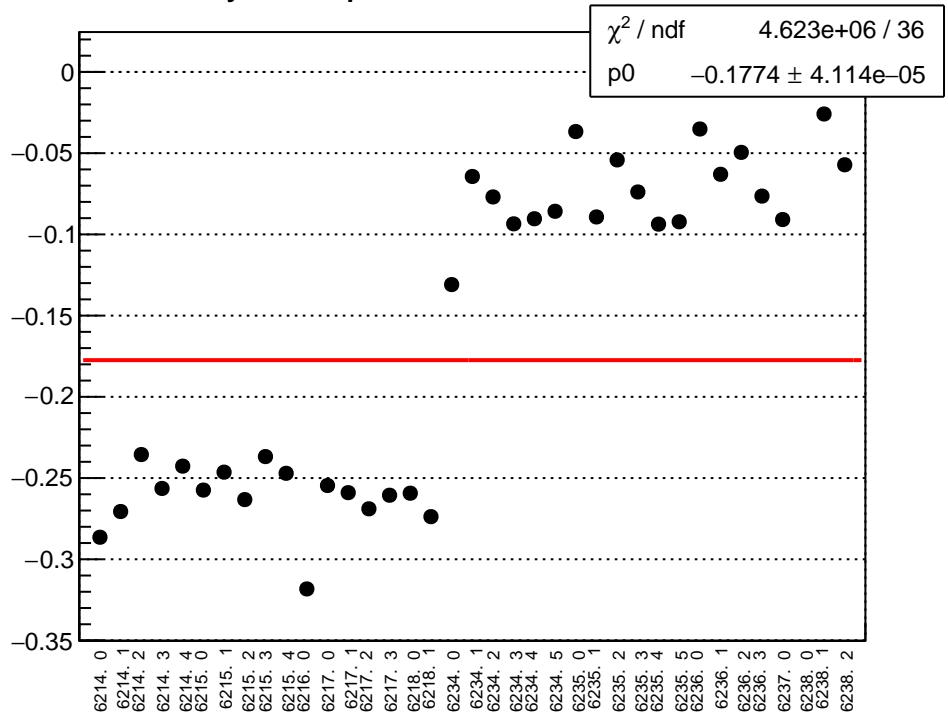
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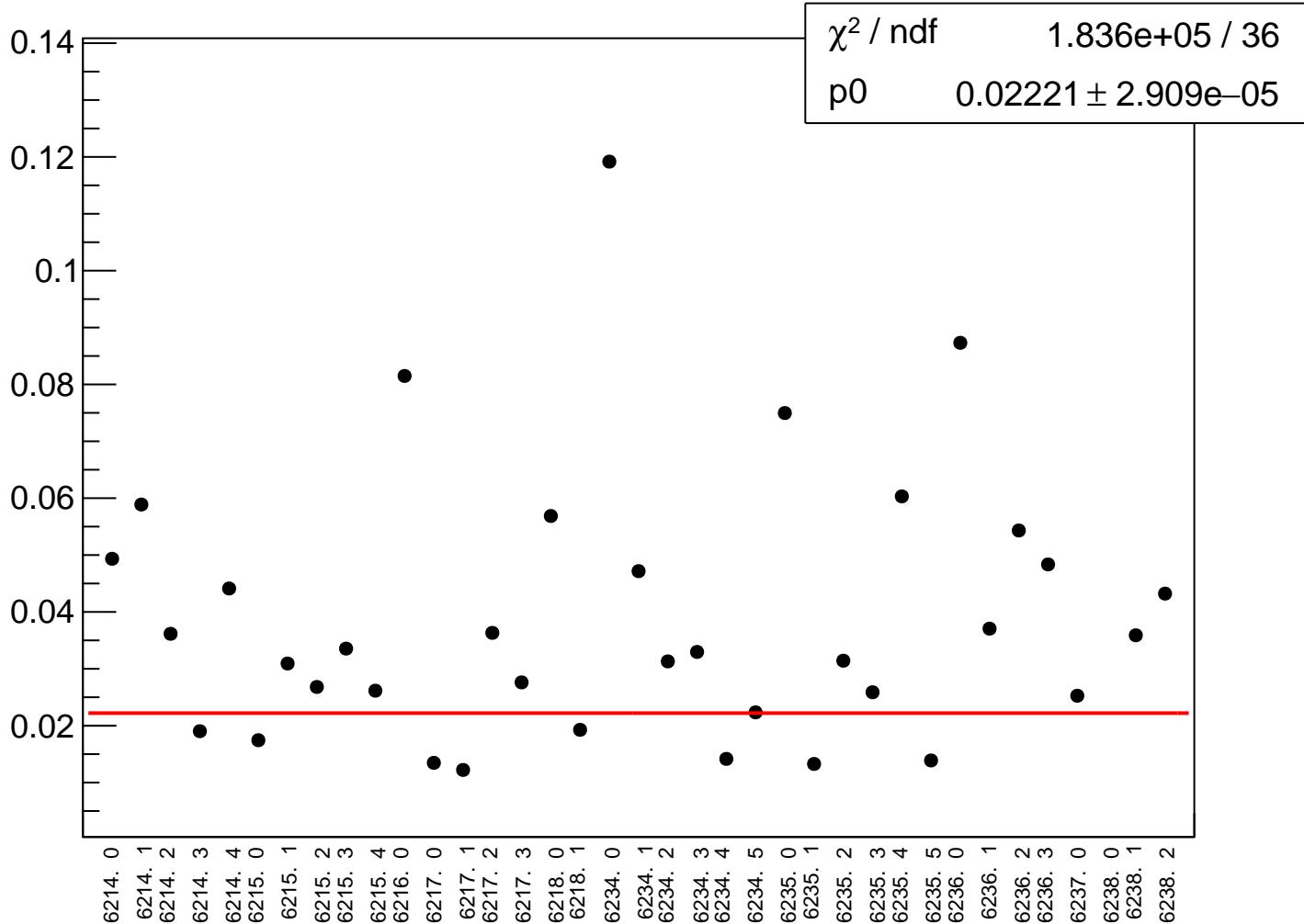
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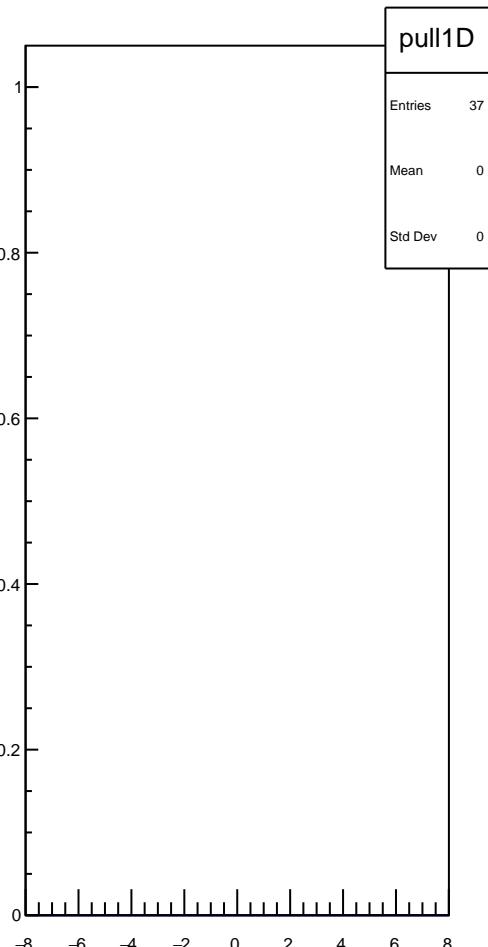
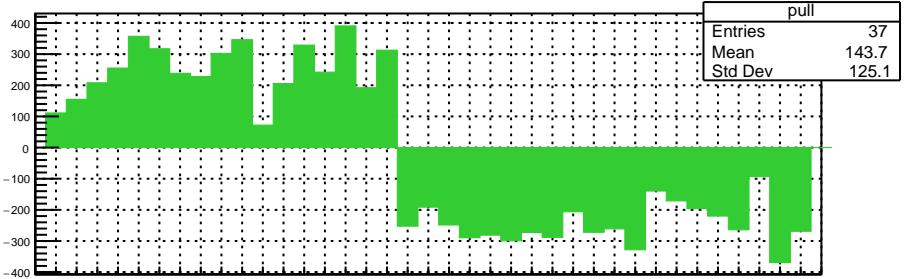
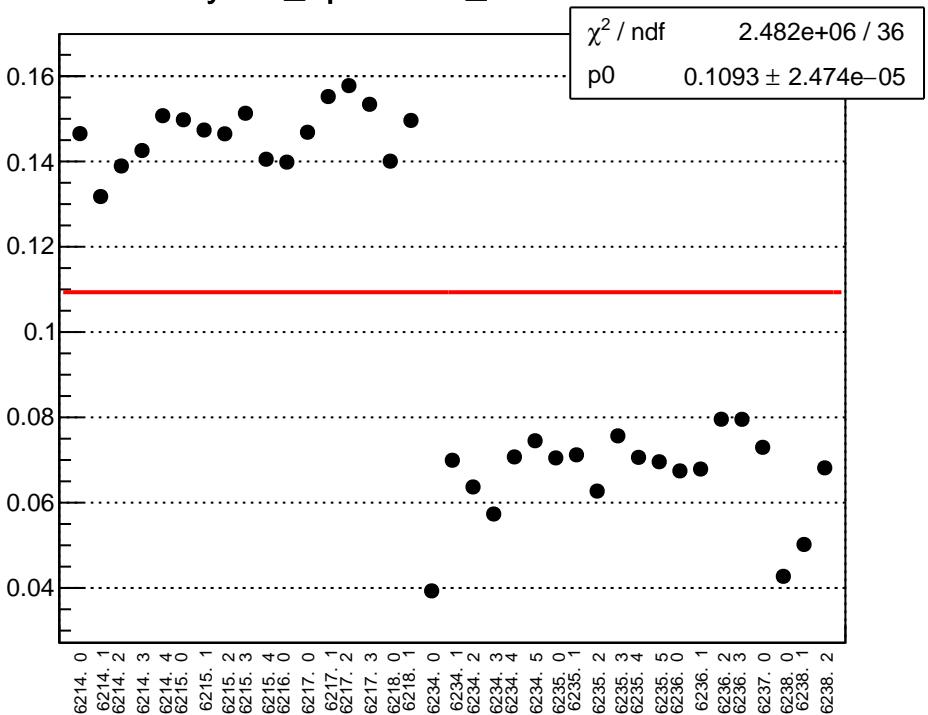
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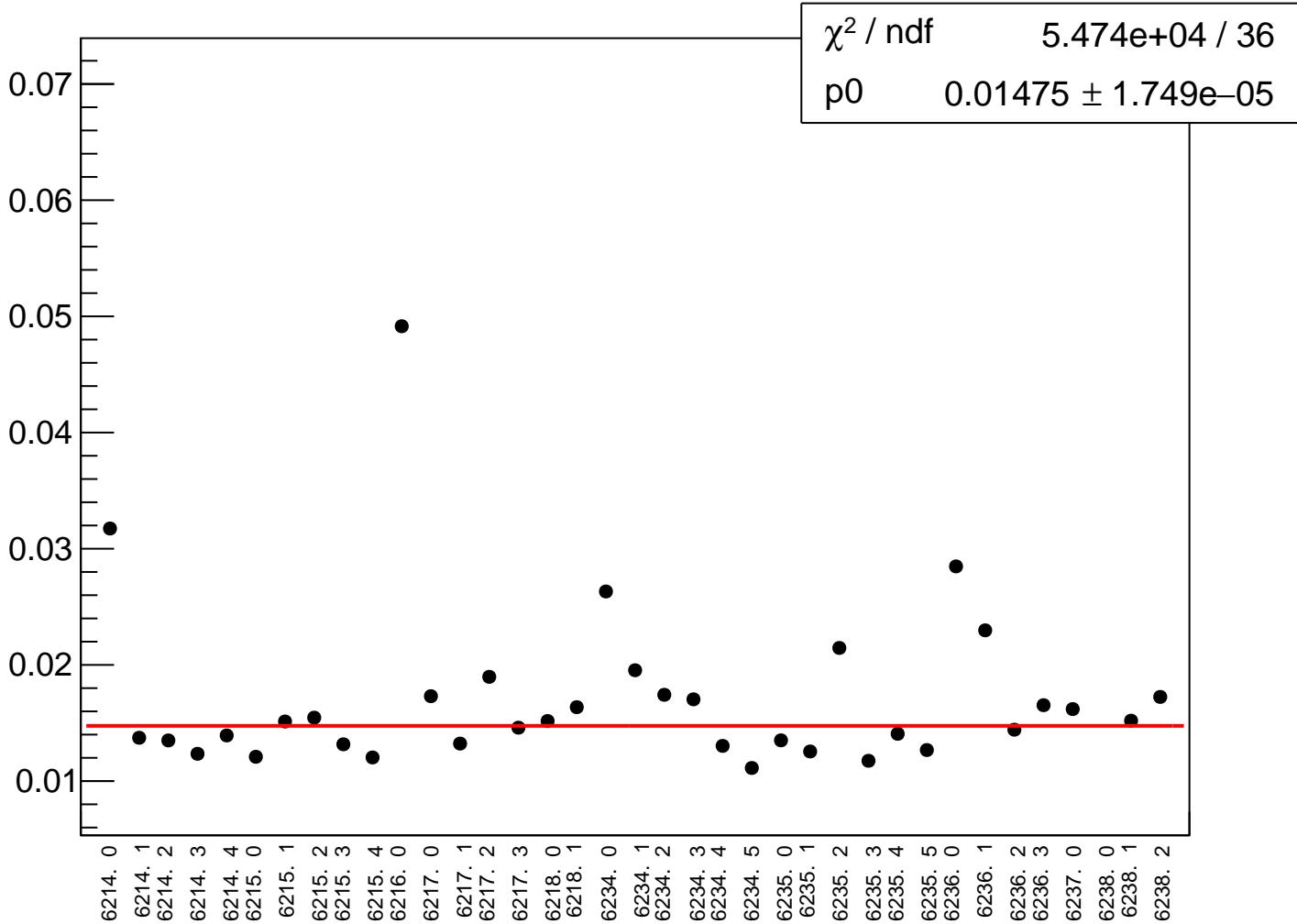
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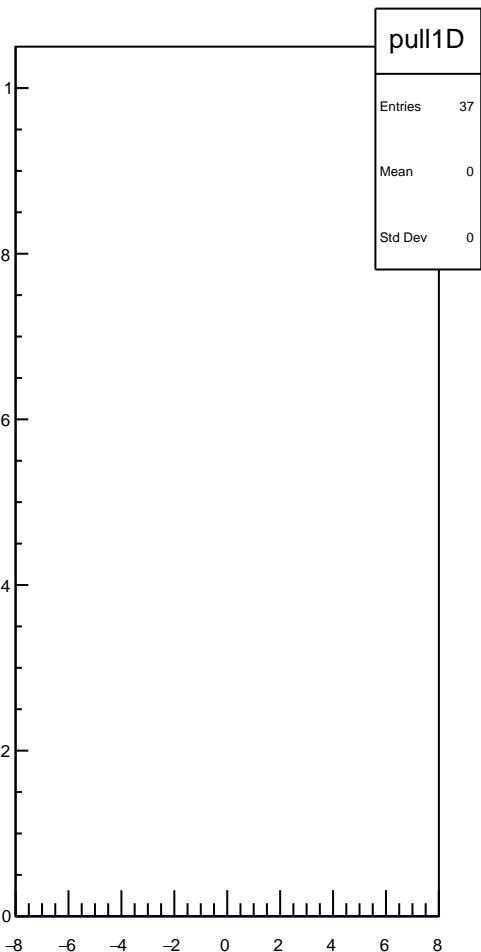
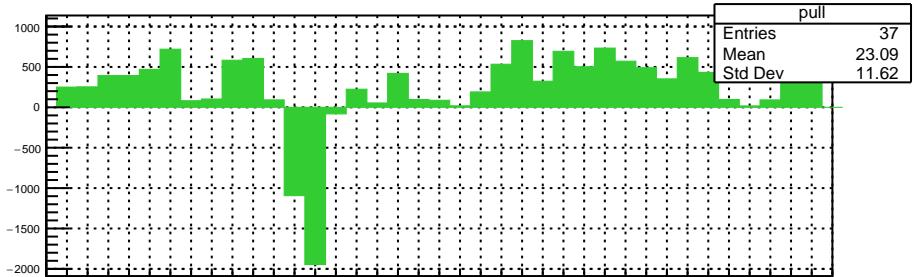
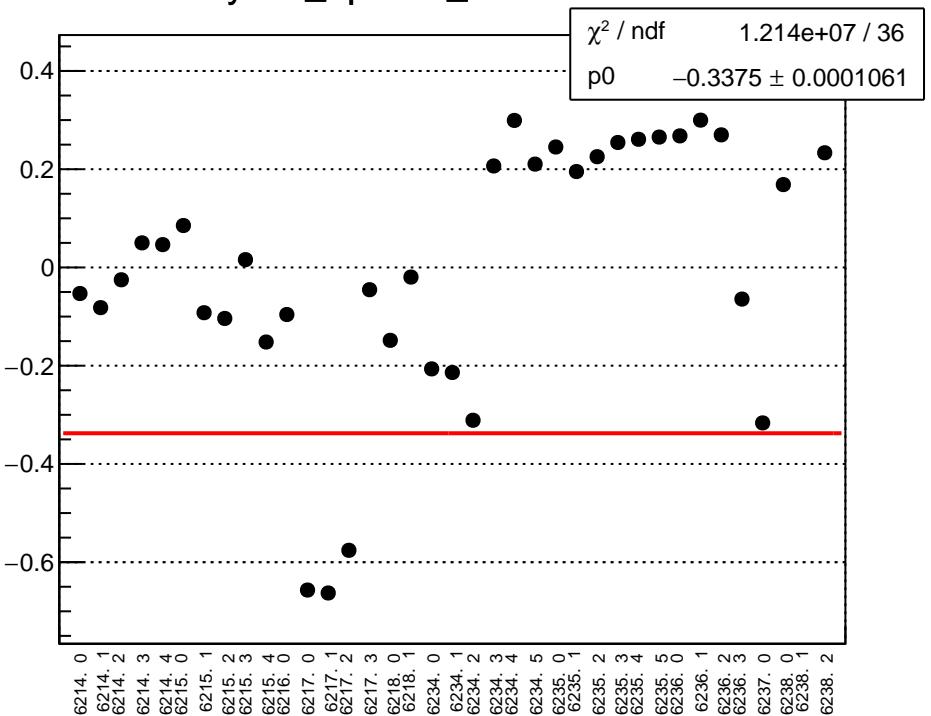
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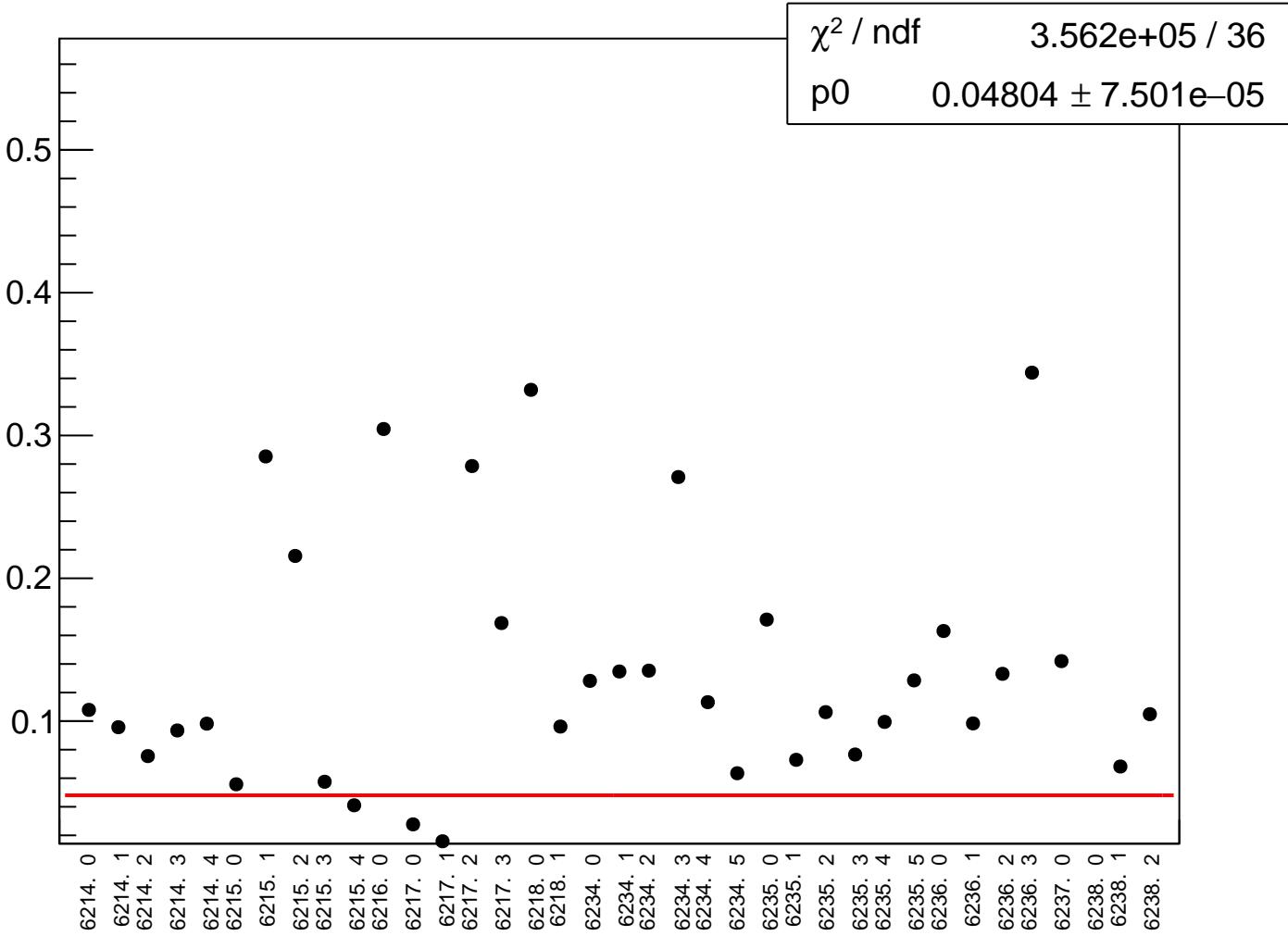
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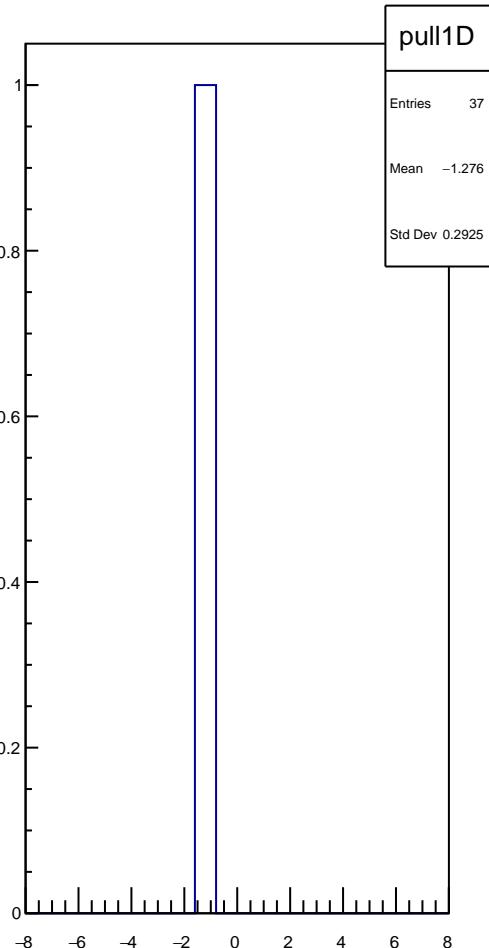
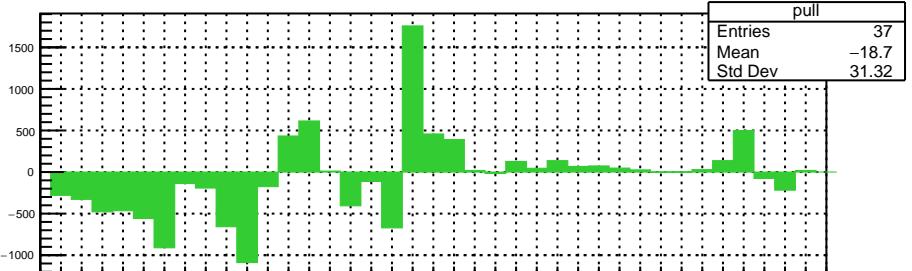
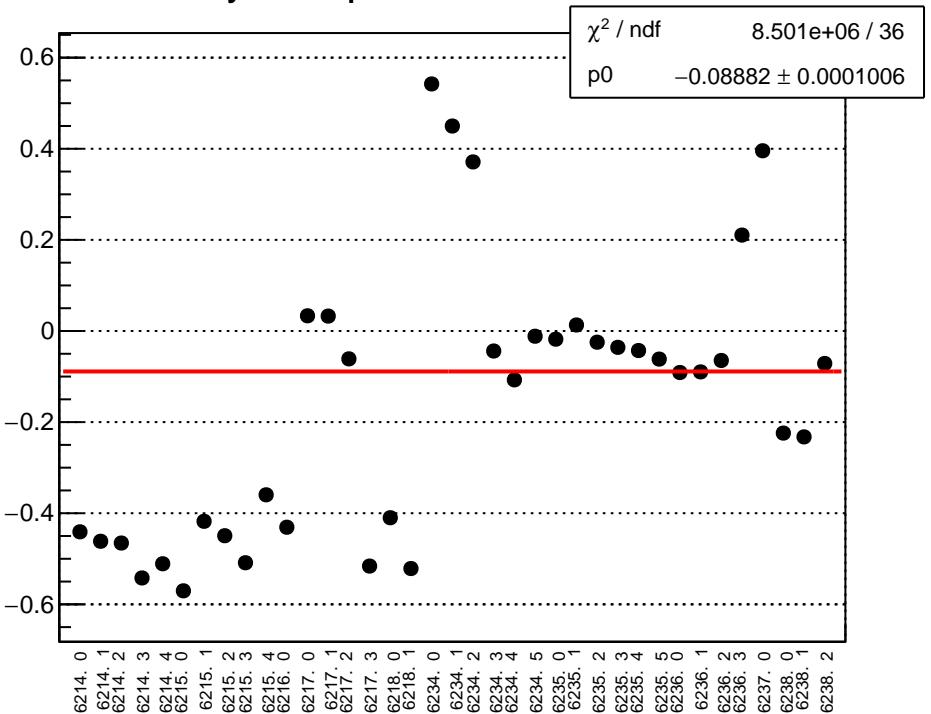
yield_bpm1X_mean vs run



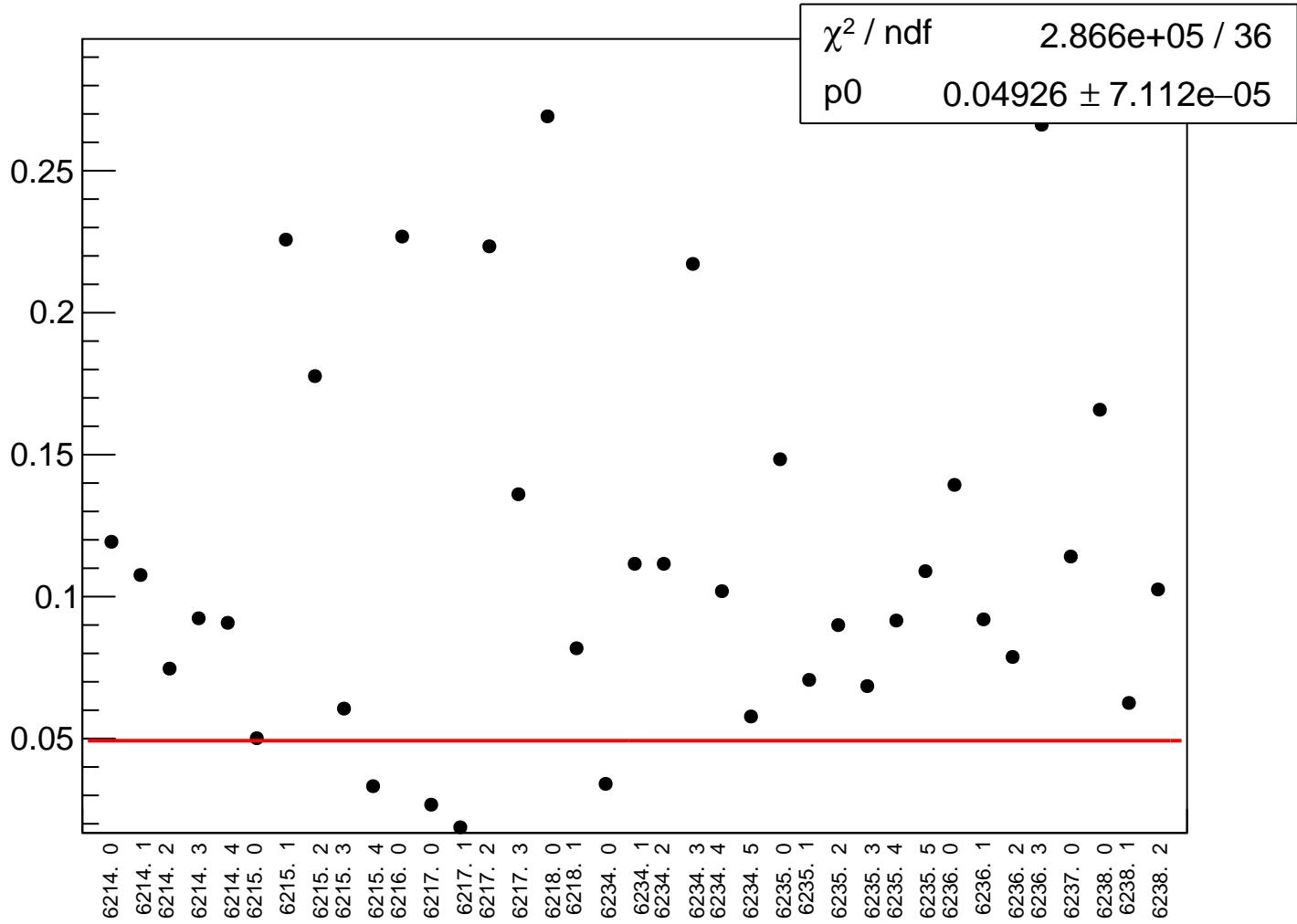
yield_bpm1X_rms vs run



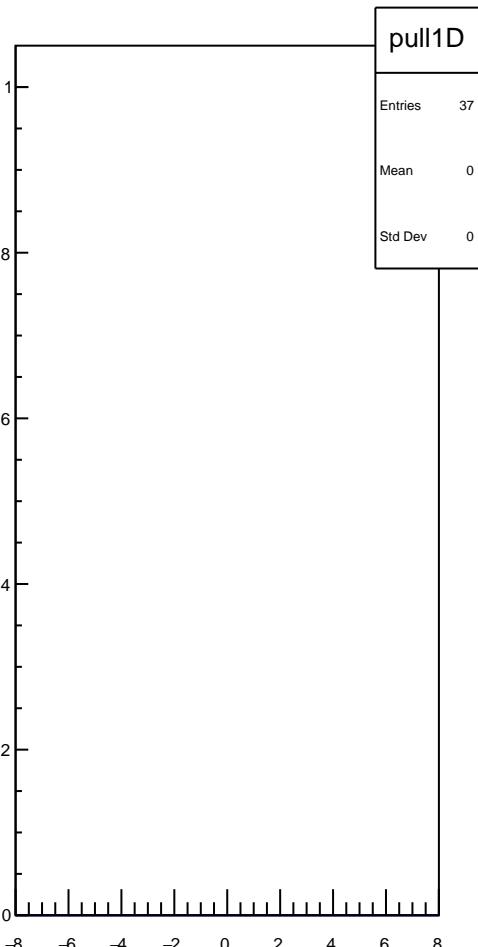
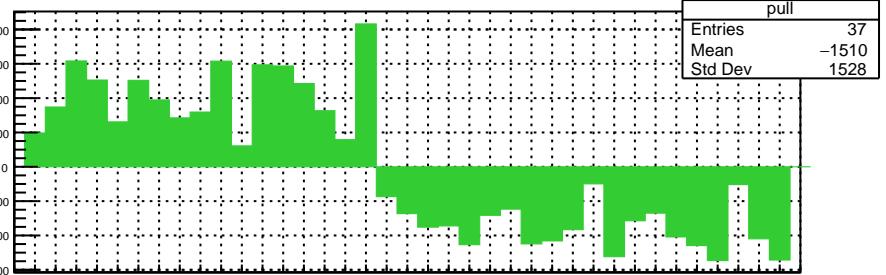
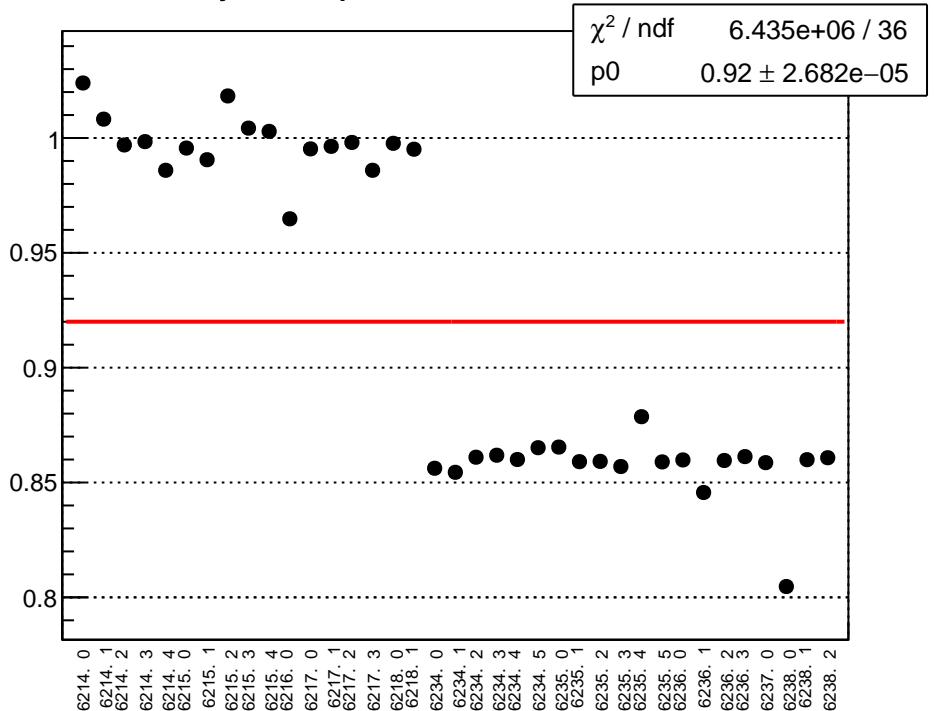
yield_bpm1Y_mean vs run



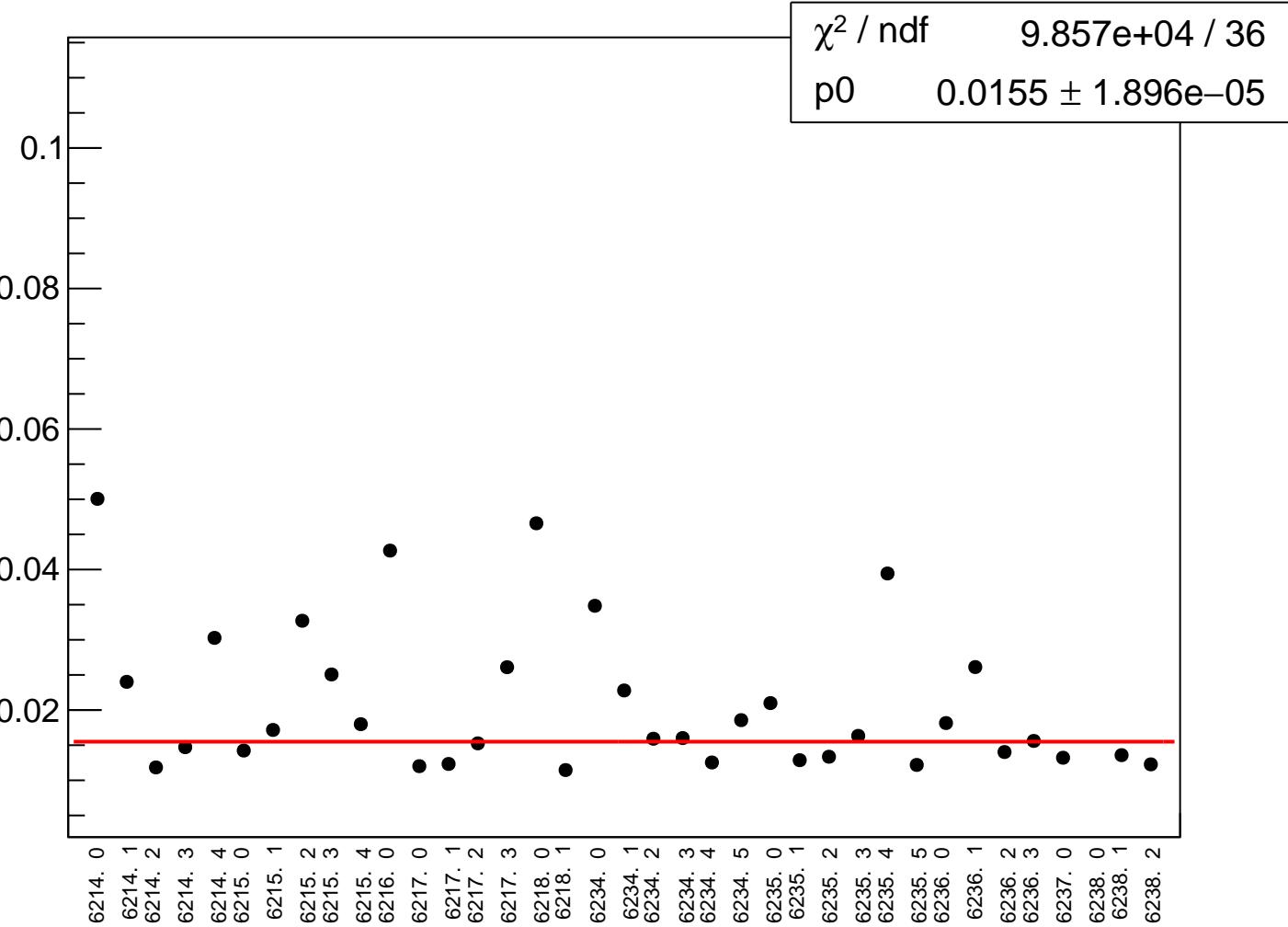
yield_bpm1Y_rms vs run



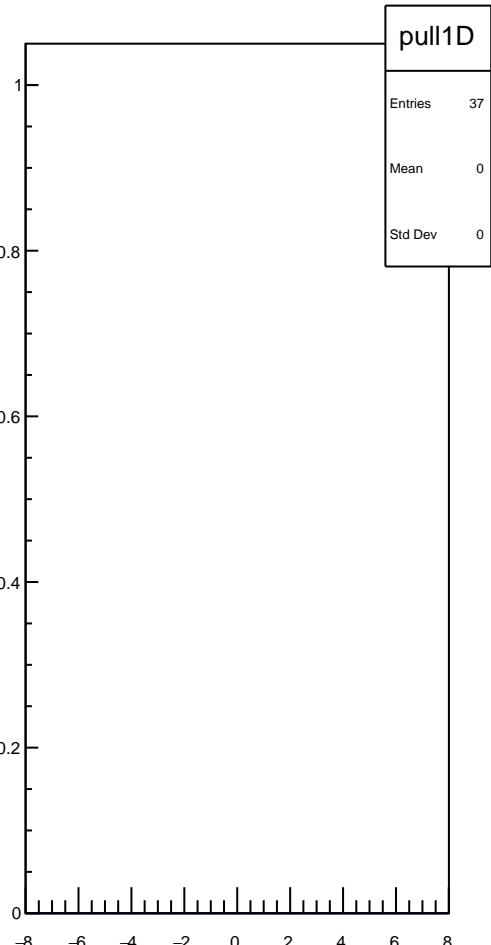
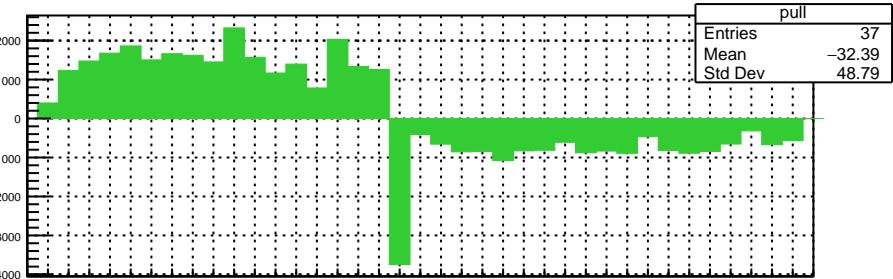
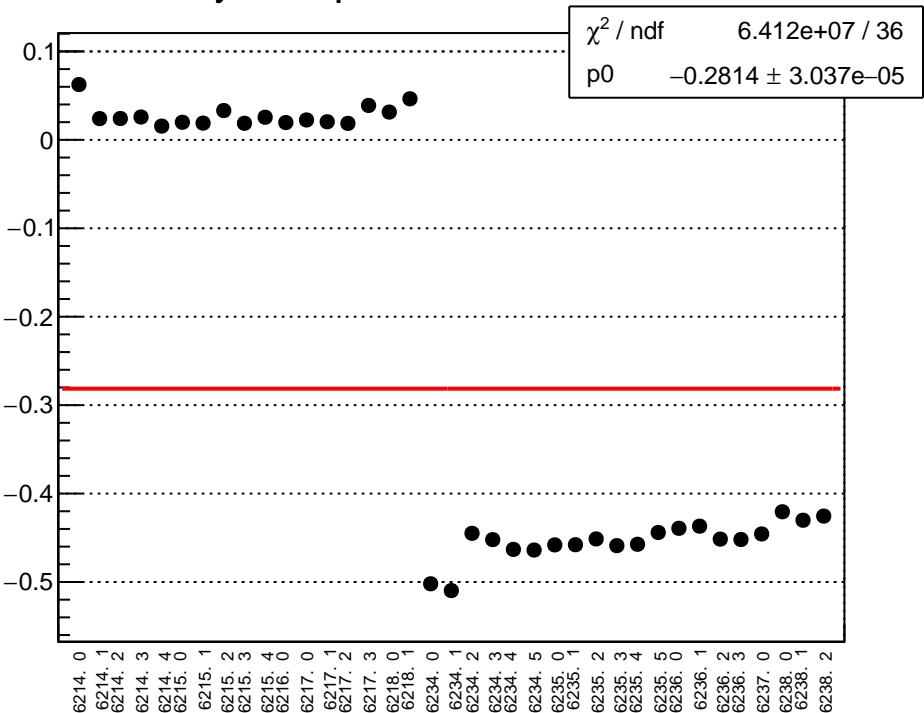
yield_bpm11X_mean vs run



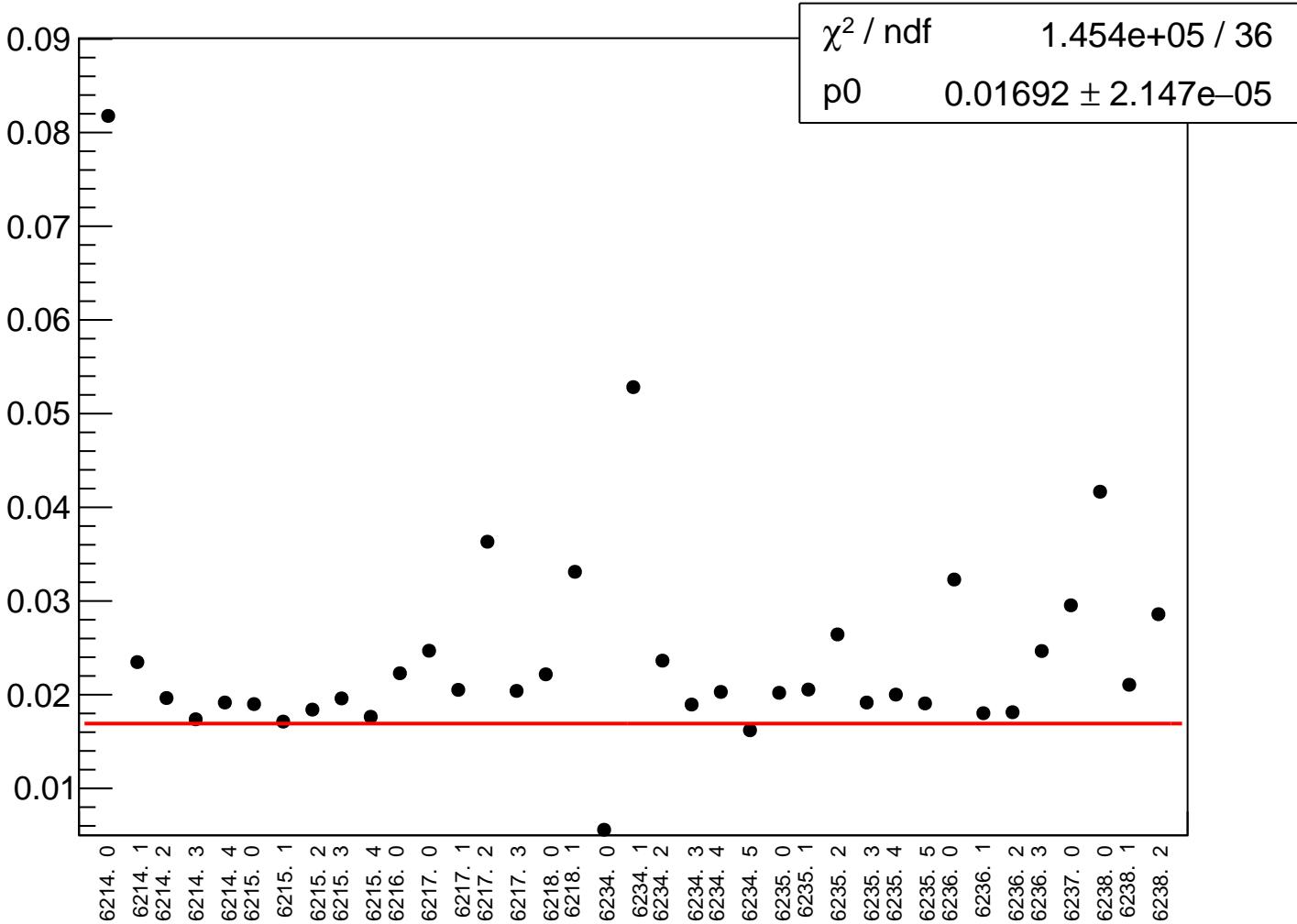
yield_bpm11X_rms vs run



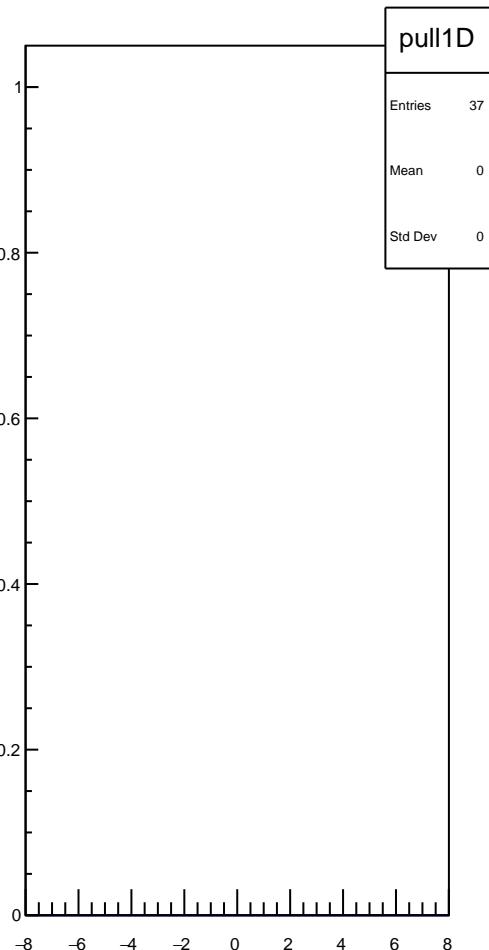
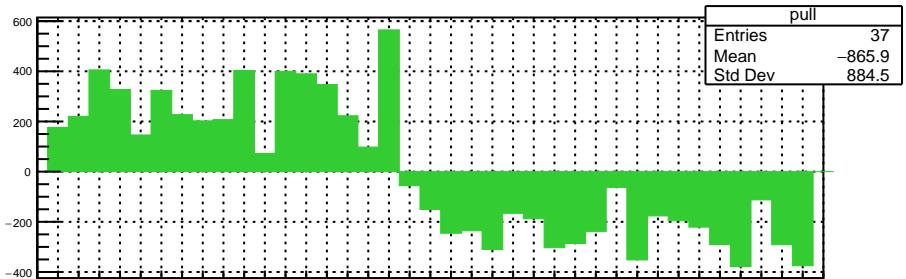
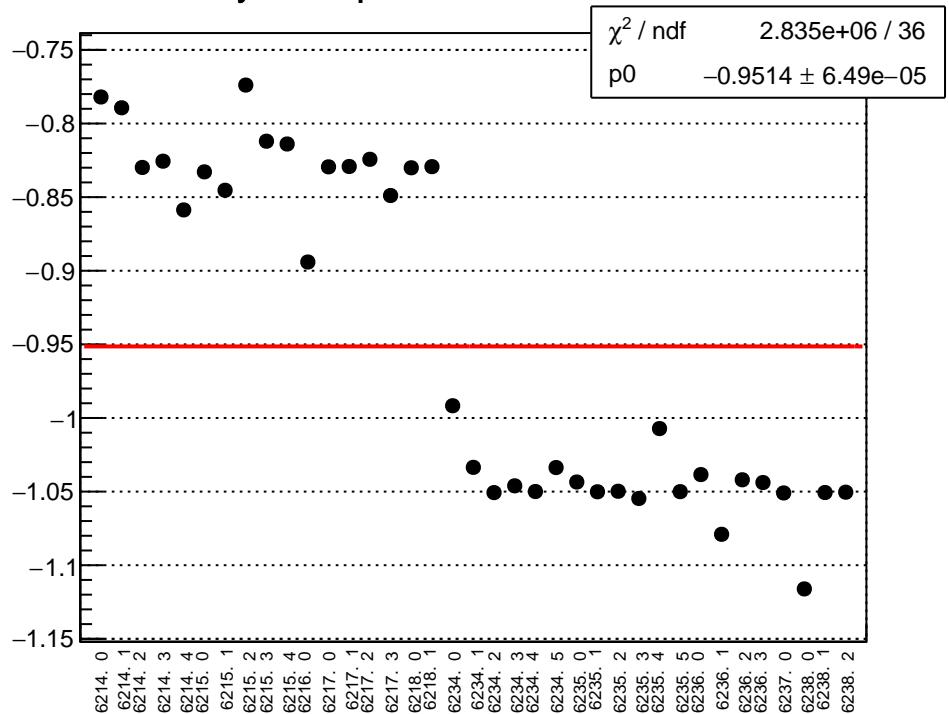
yield_bpm11Y_mean vs run



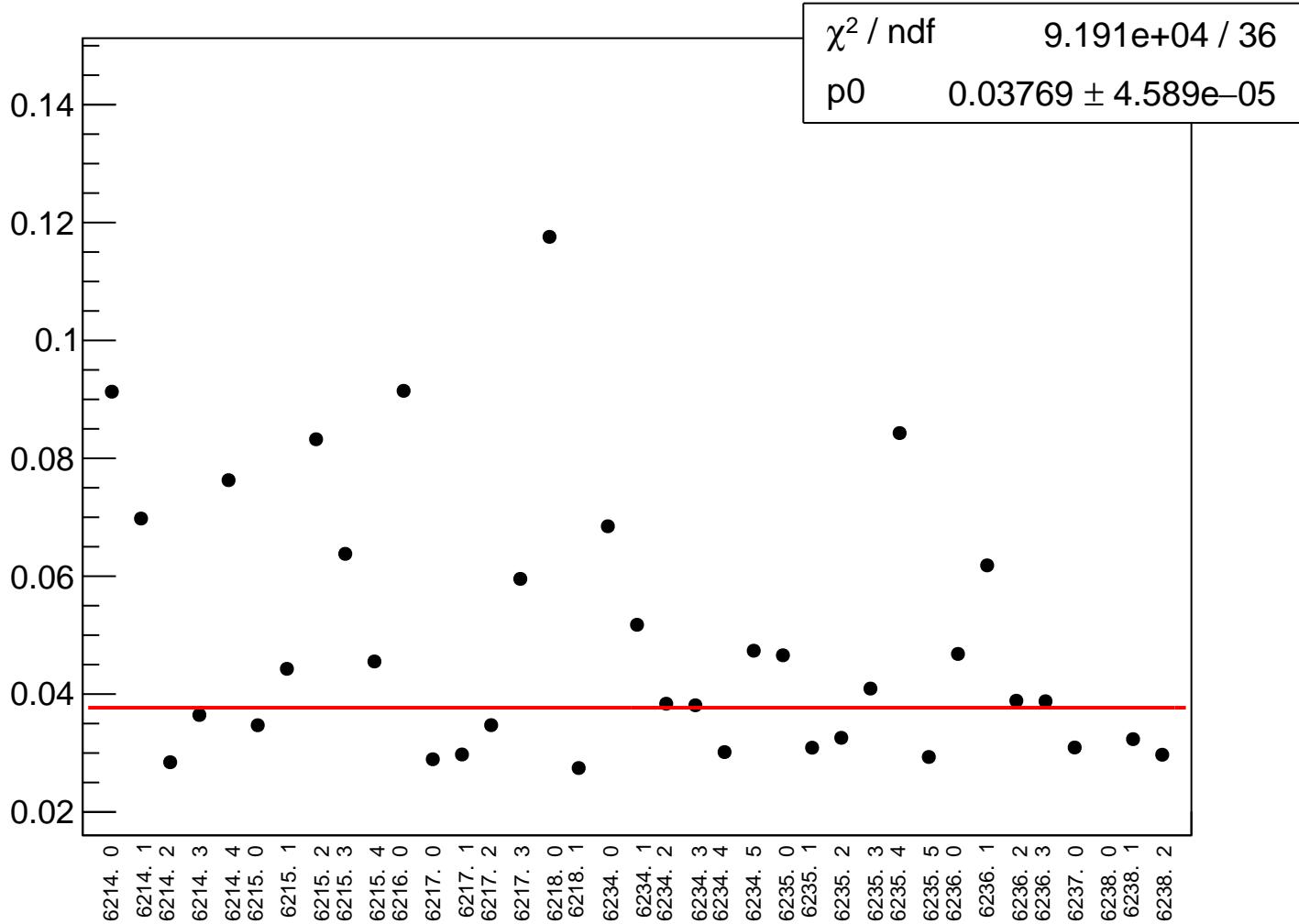
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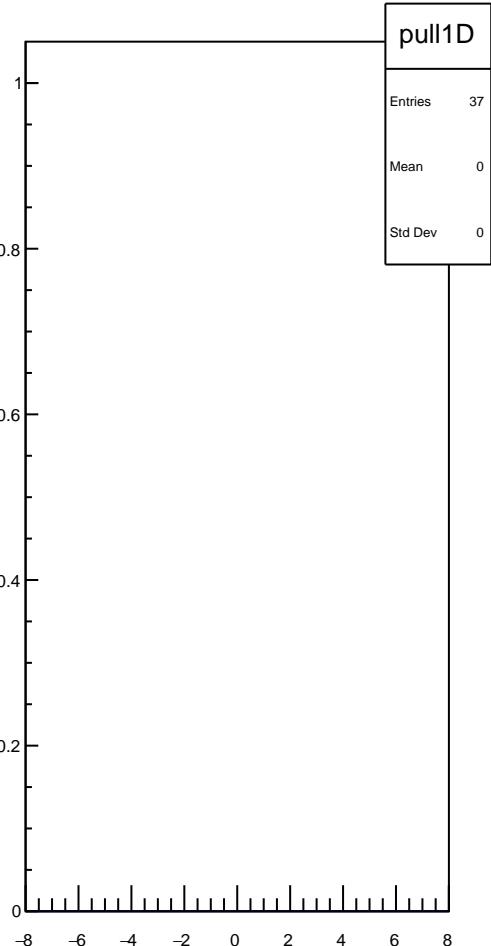
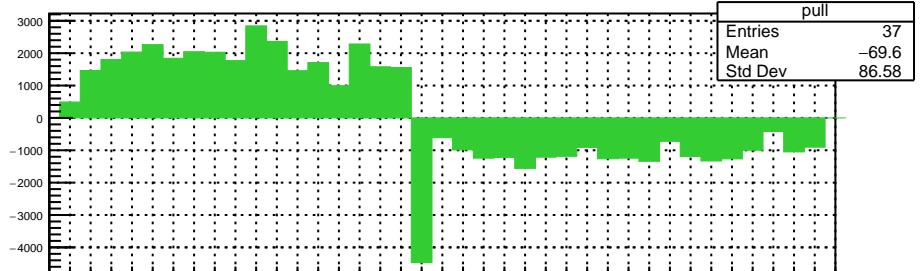
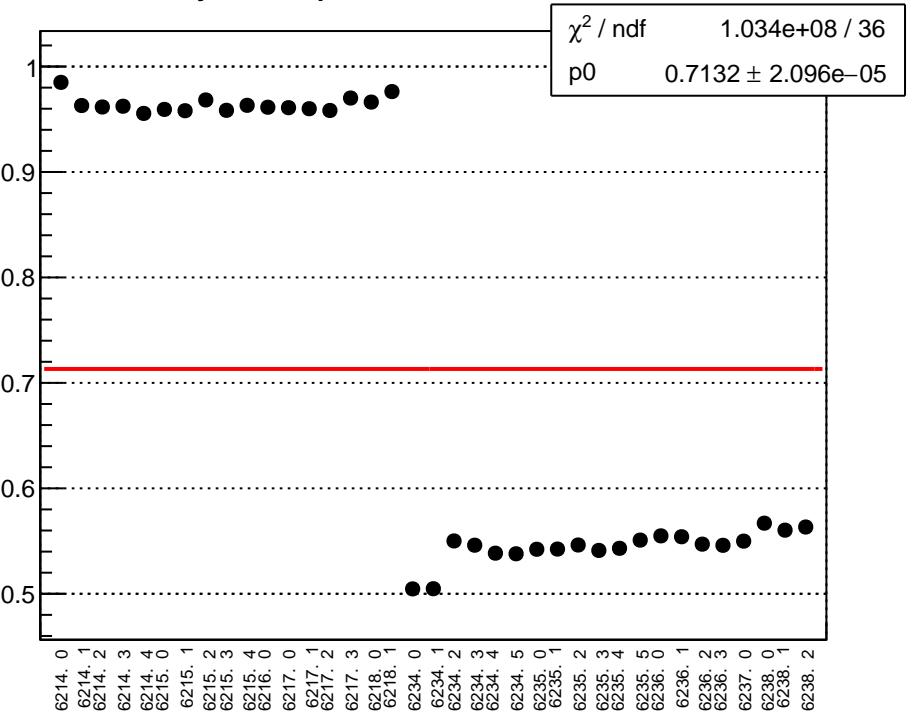
yield_bpm12X_mean vs run



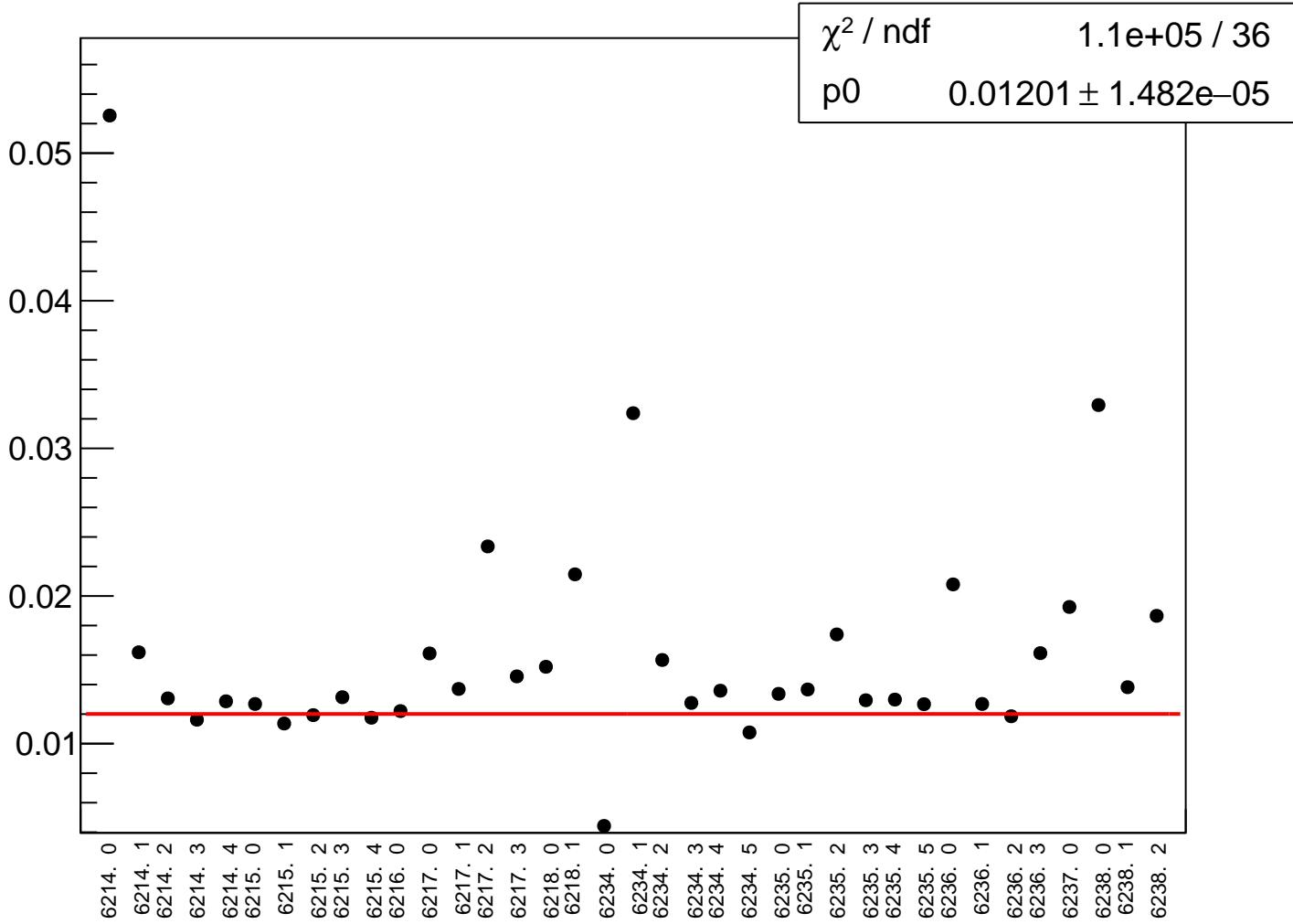
yield_bpm12X_rms vs run



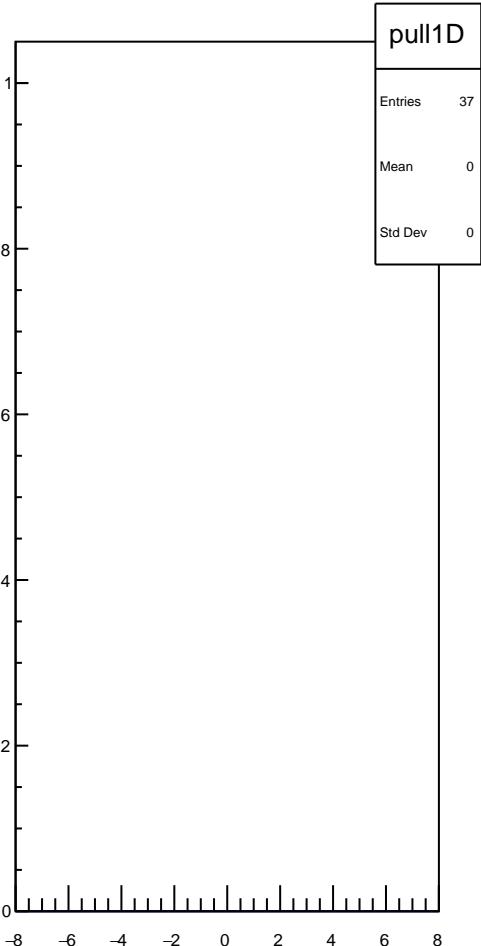
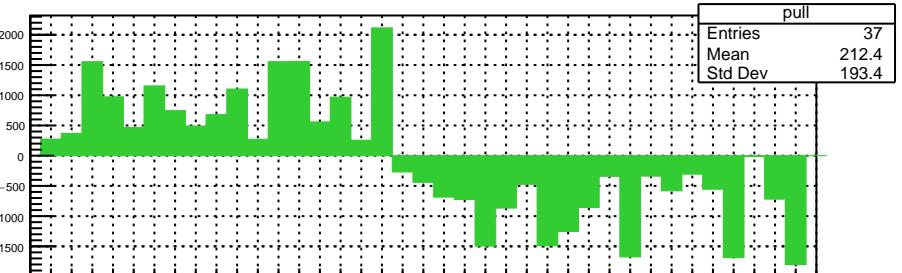
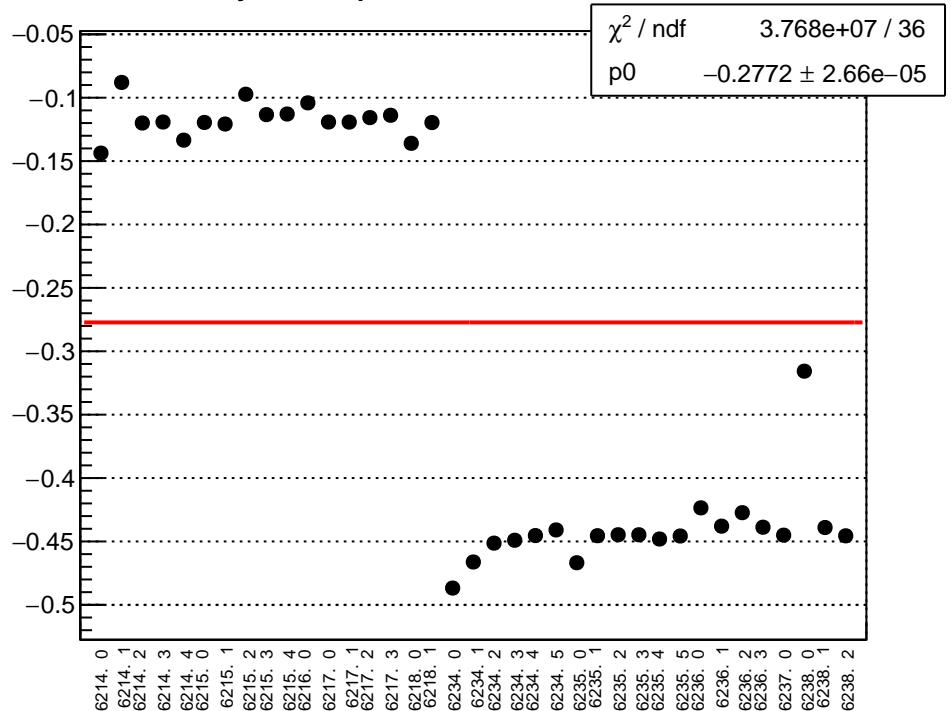
yield_bpm12Y_mean vs run



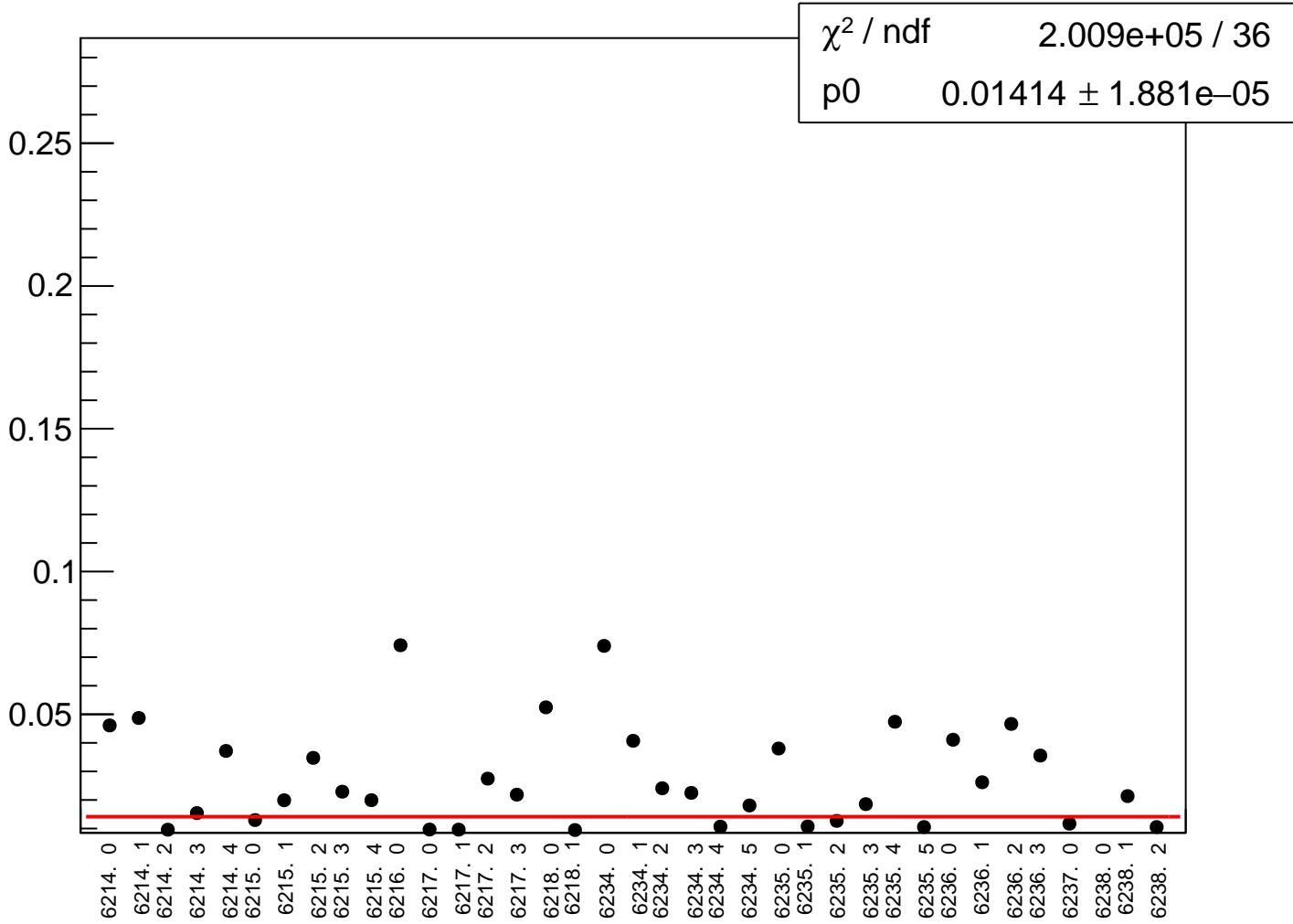
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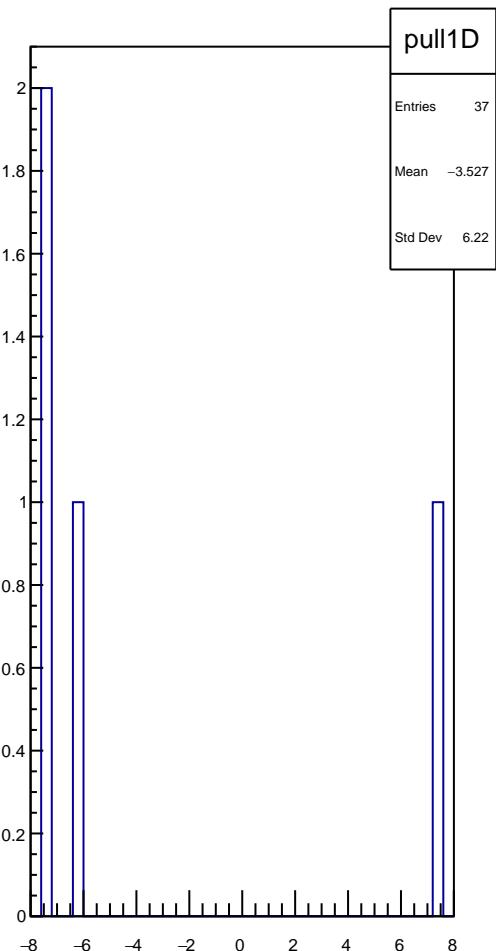
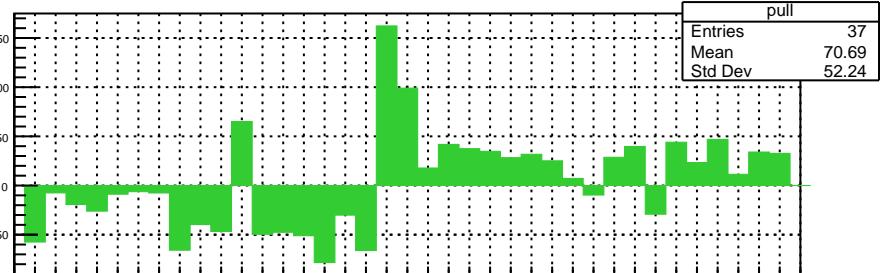
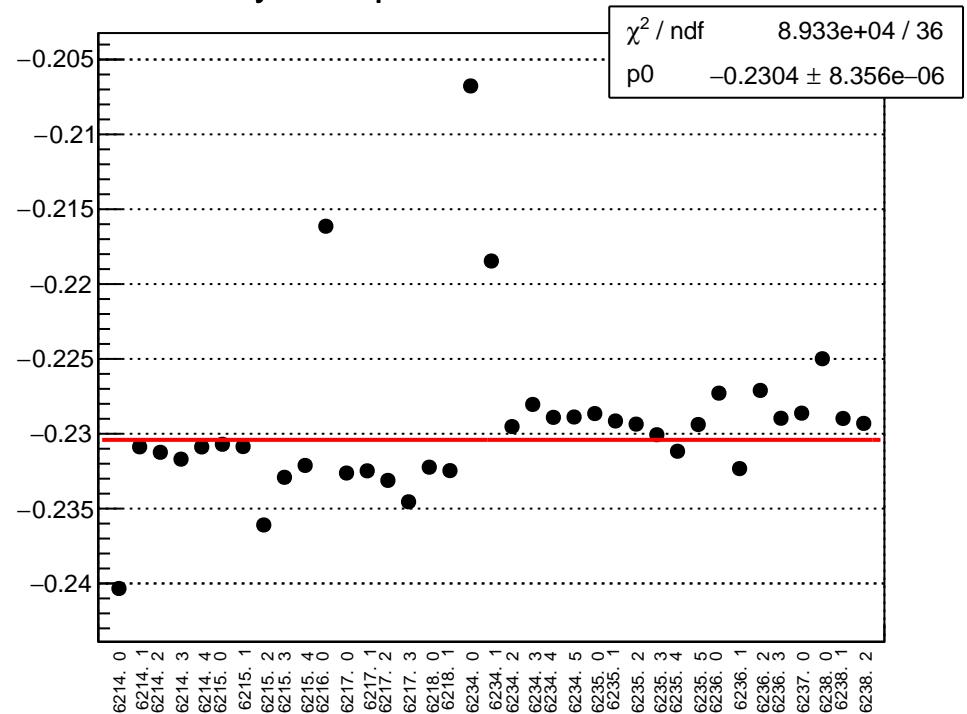
yield_bpm16X_mean vs run



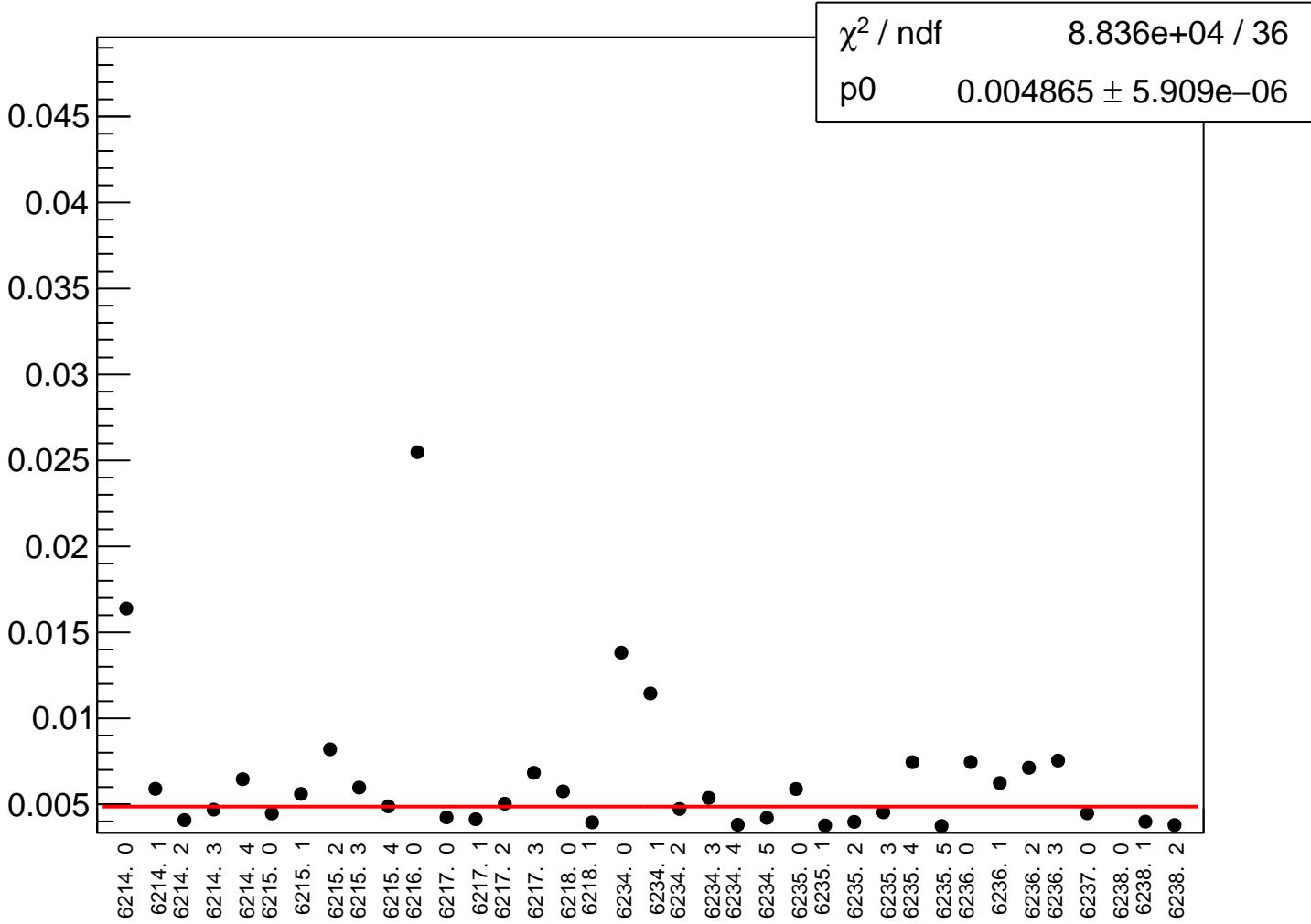
yield_bpm16X_rms vs run



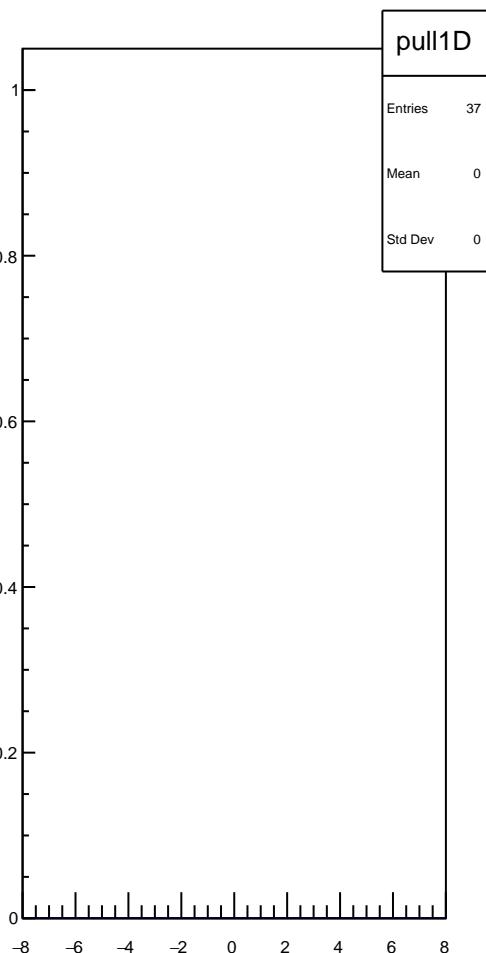
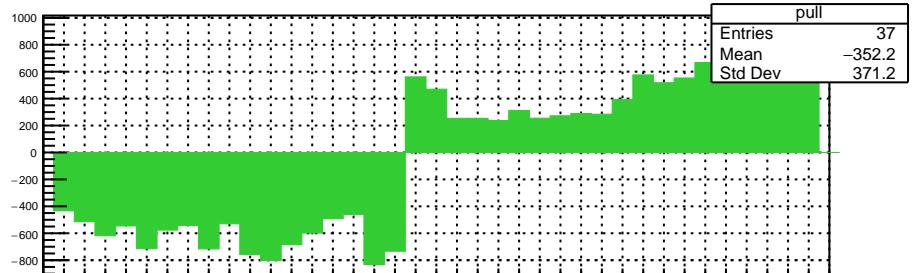
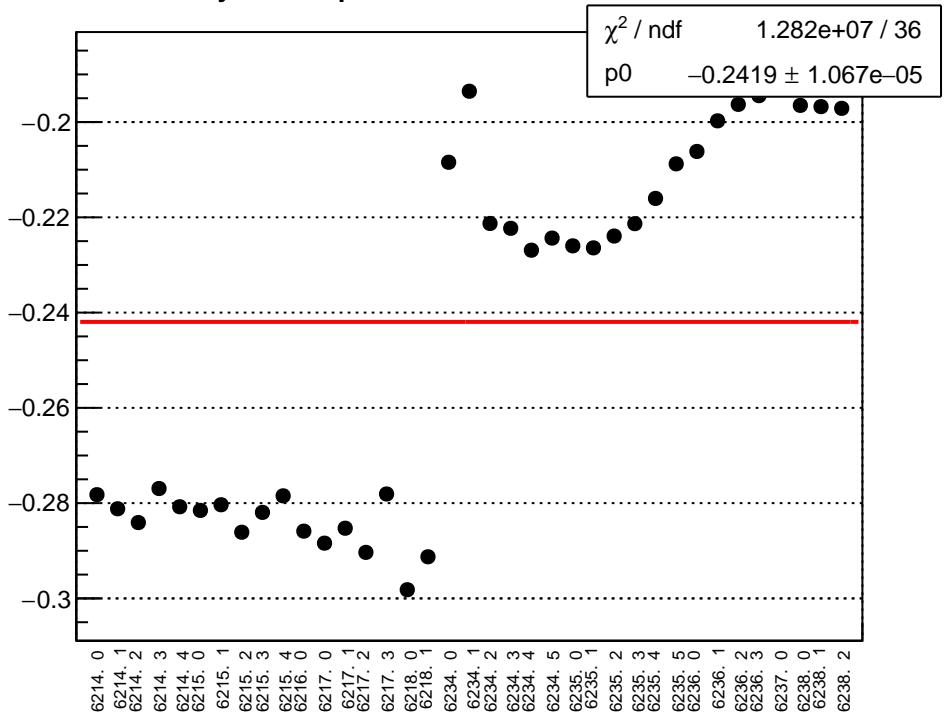
yield_bpm16Y_mean vs run



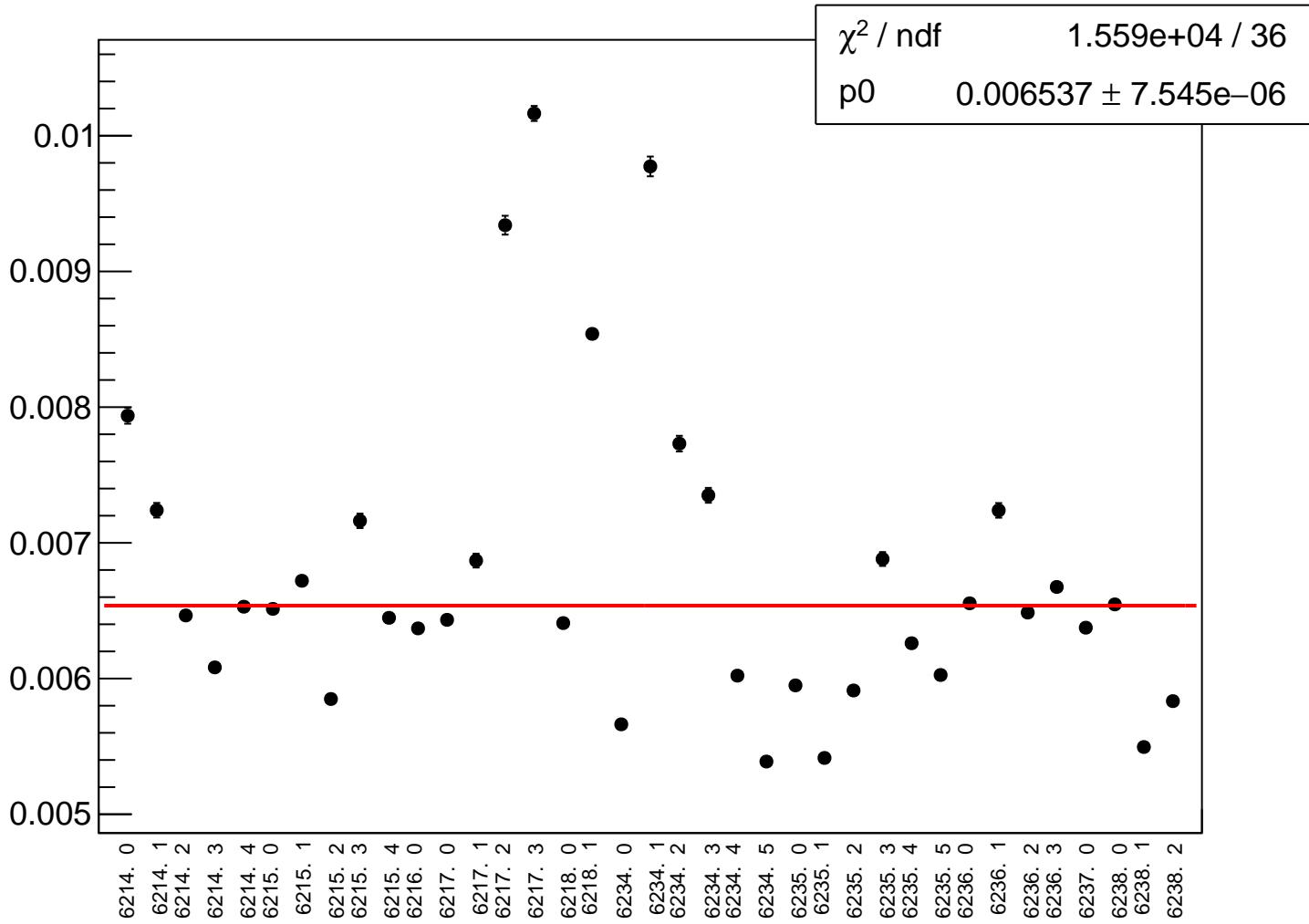
yield_bpm16Y_rms vs run



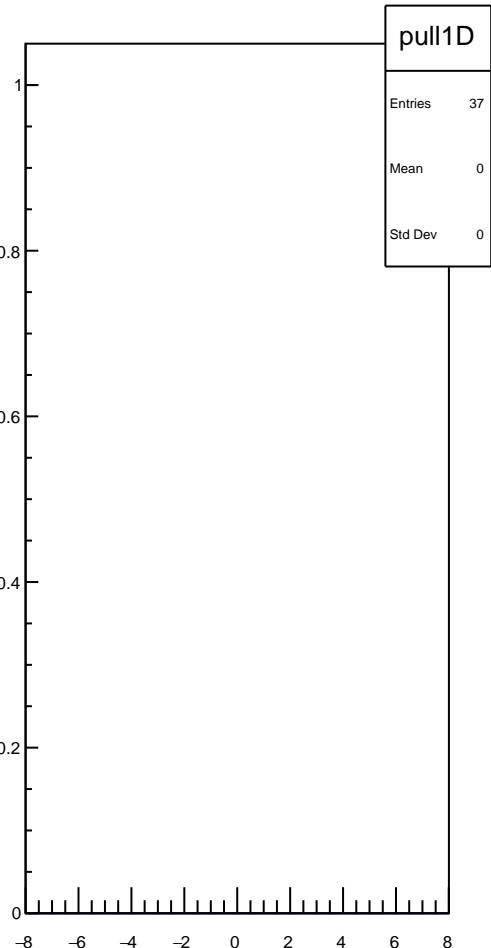
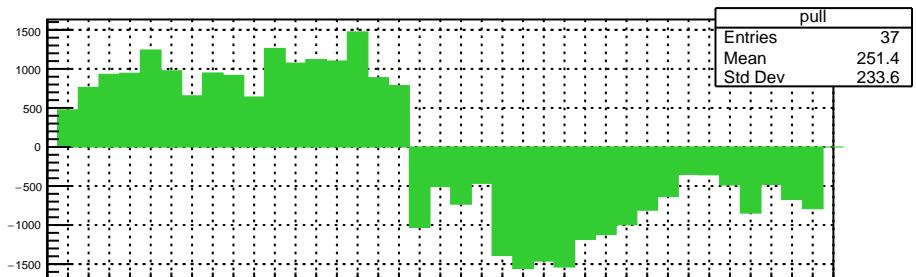
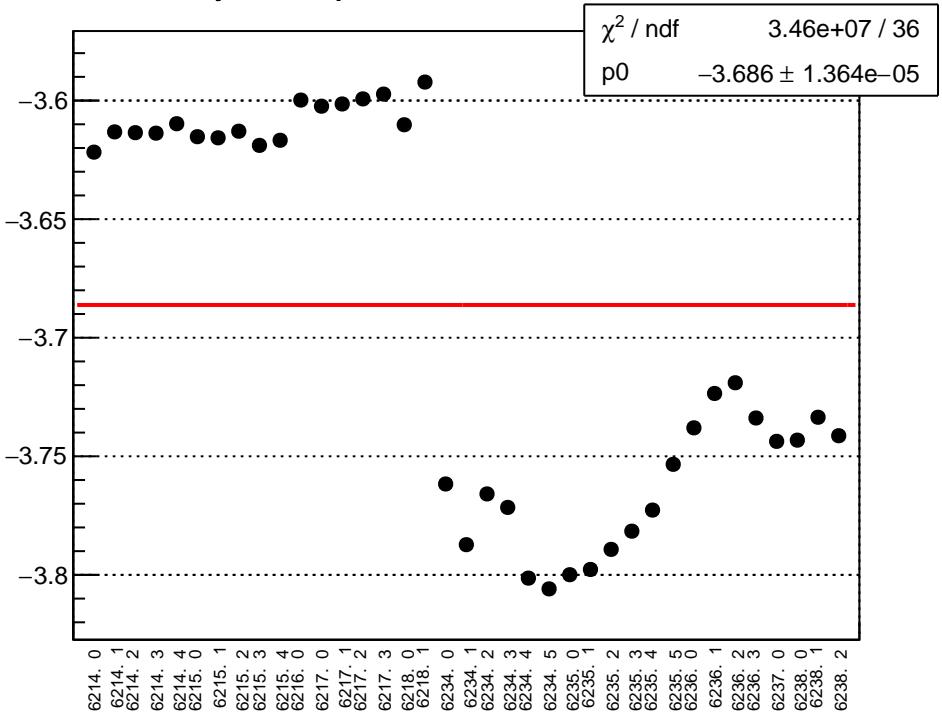
yield_bpm0i02X_mean vs run



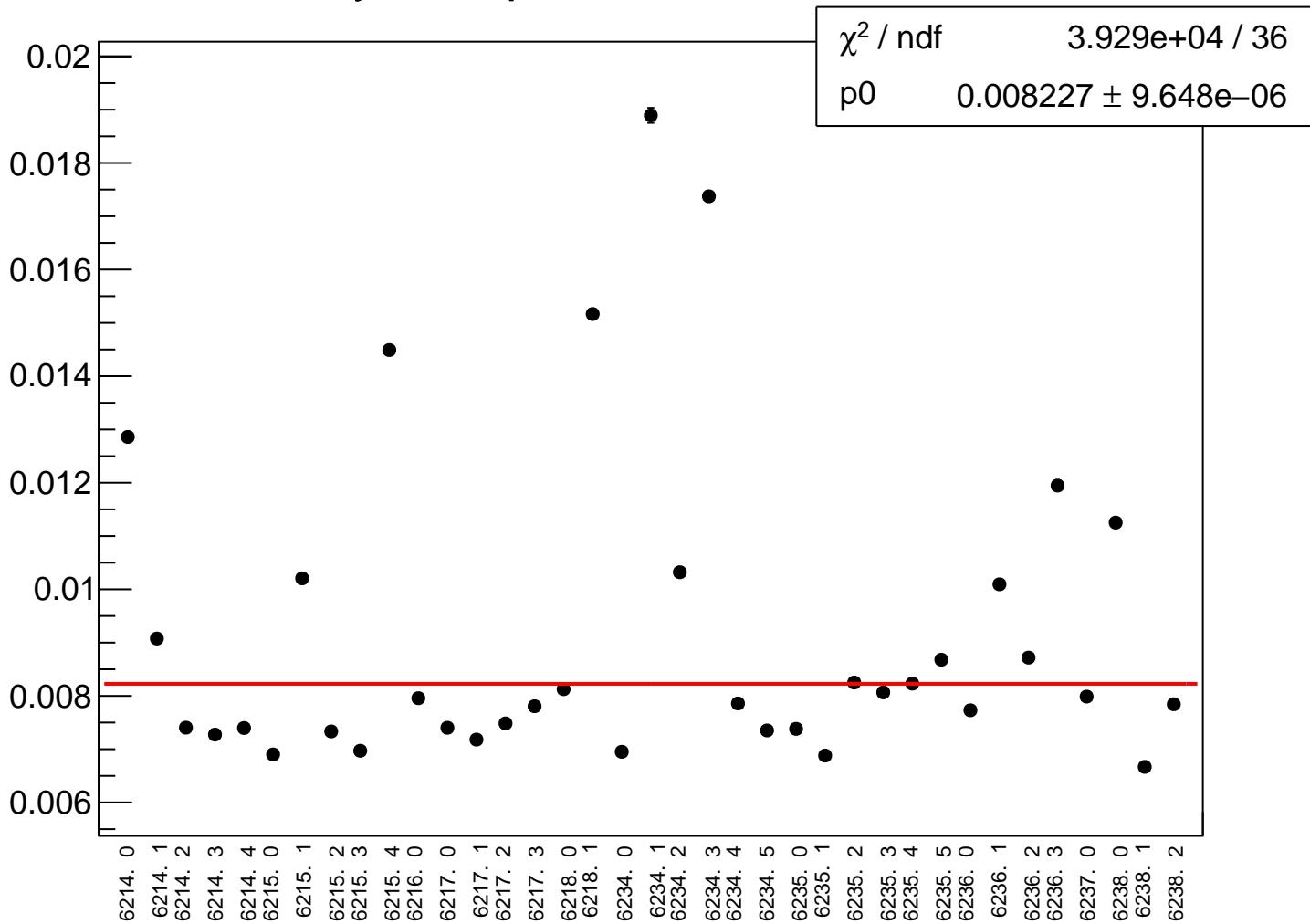
yield_bpm0i02X_rms vs run



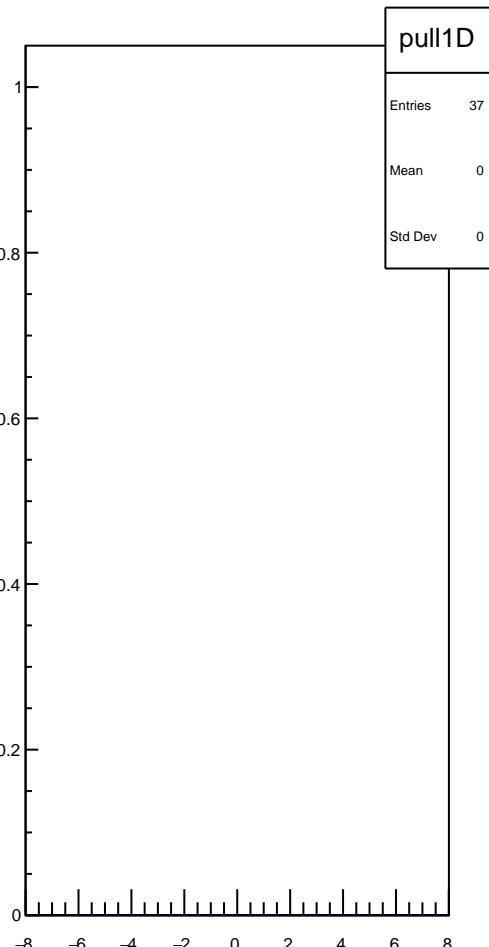
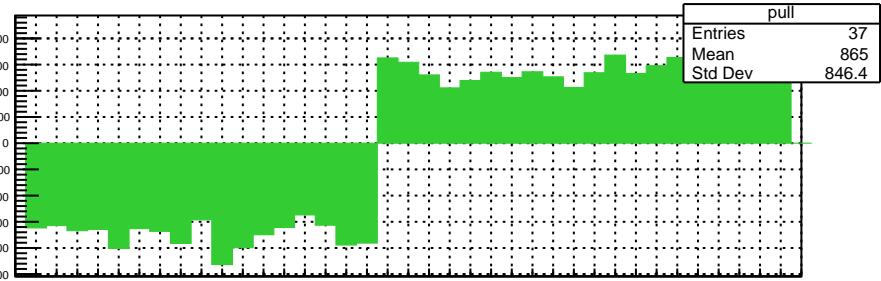
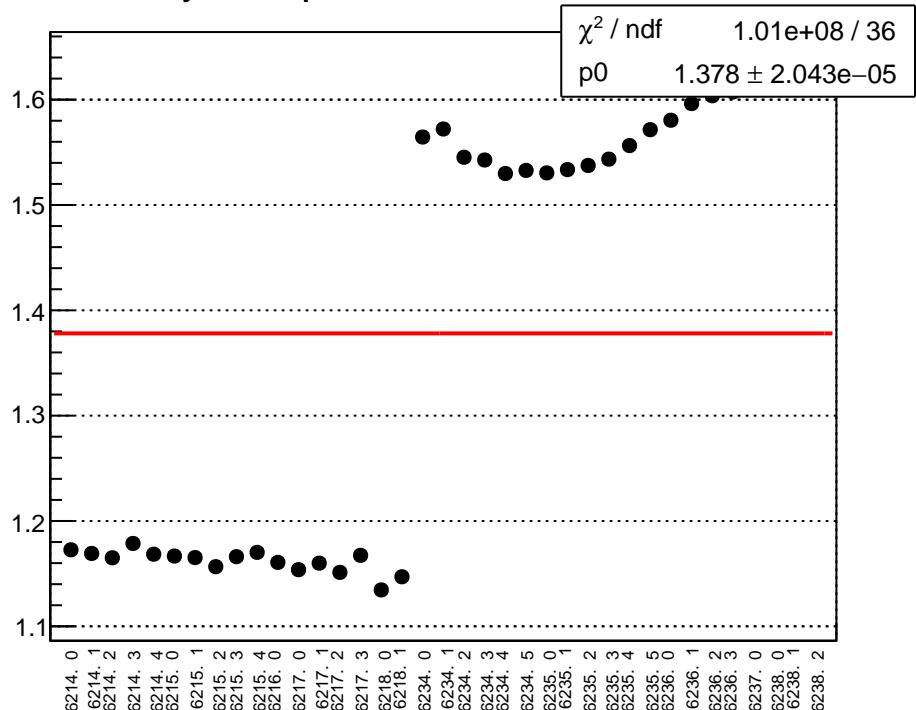
yield_bpm0i02Y_mean vs run



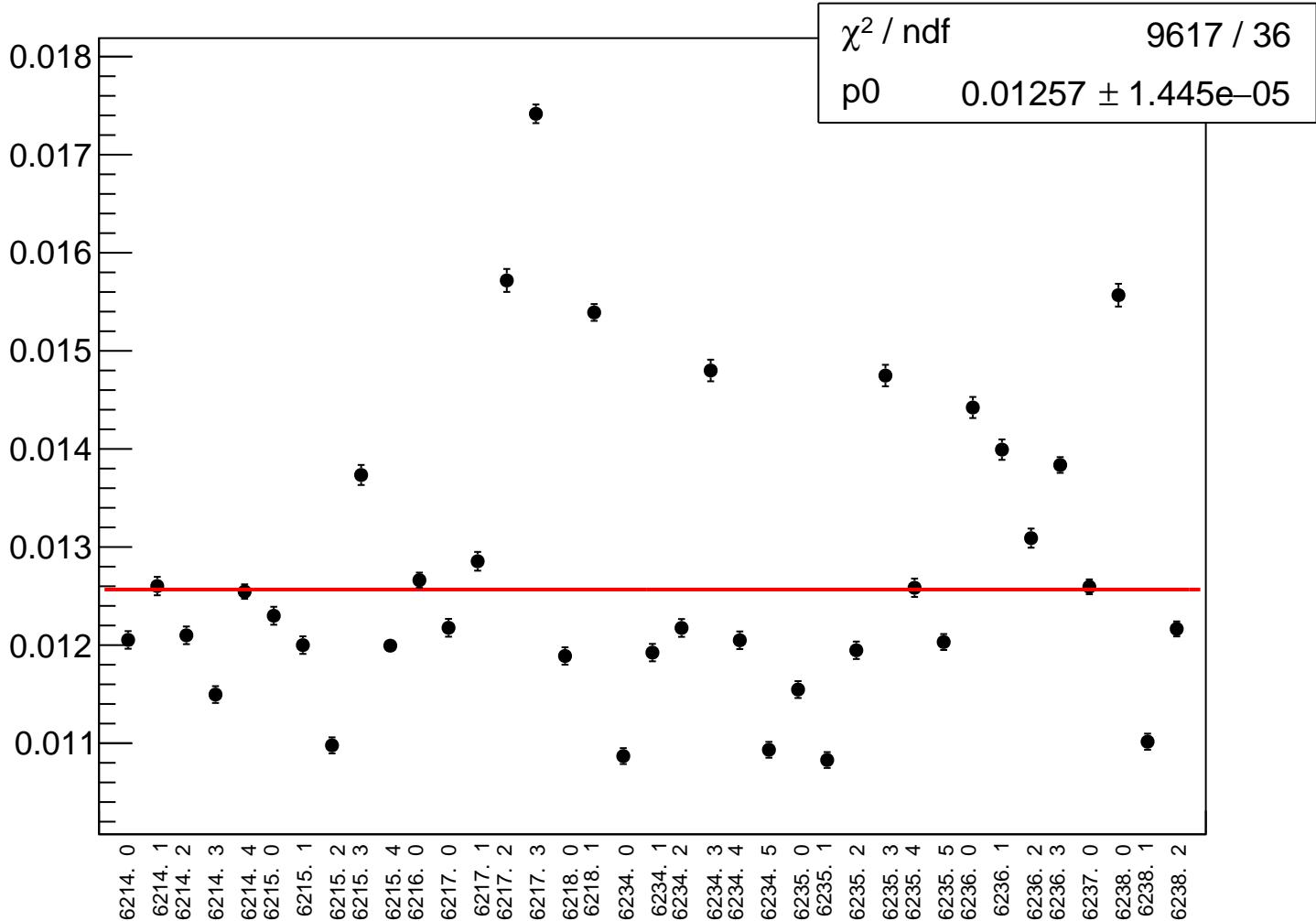
yield_bpm0i02Y_rms vs run



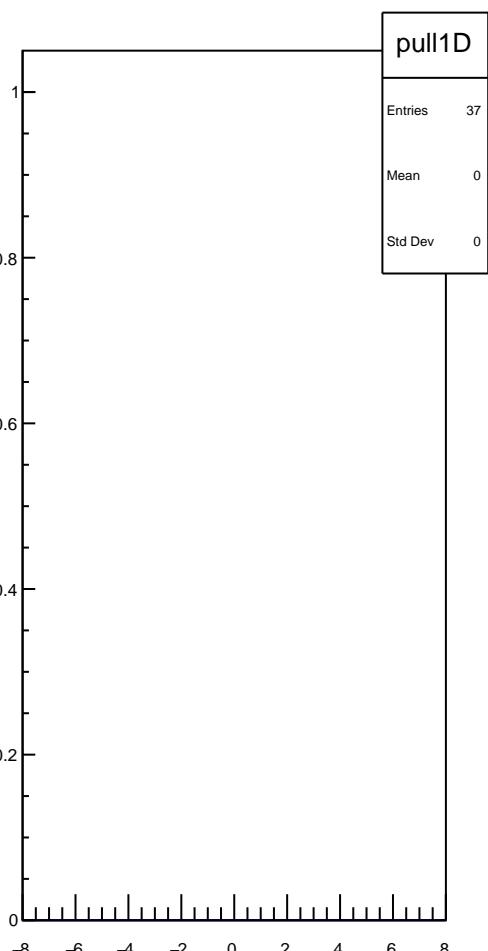
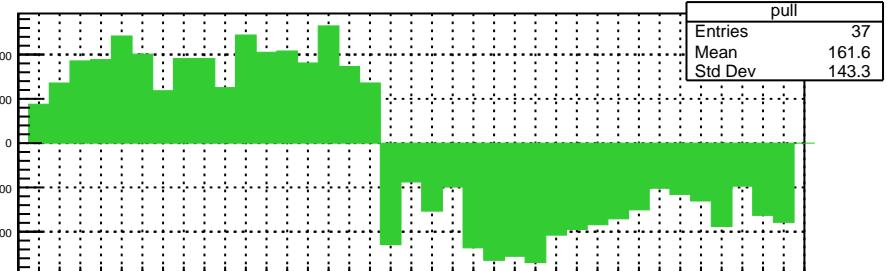
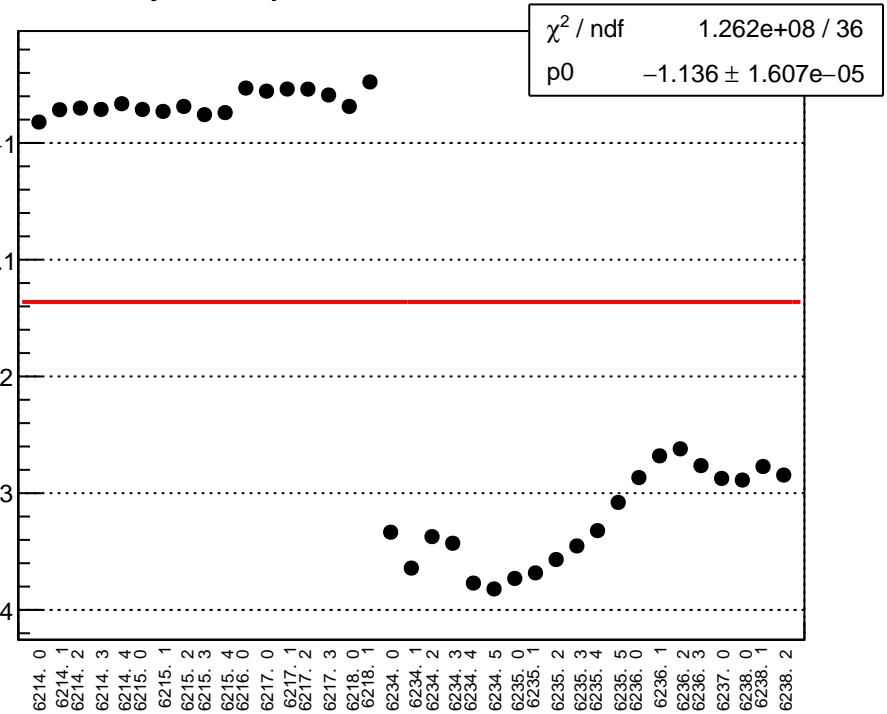
yield_bpm0i02aX_mean vs run



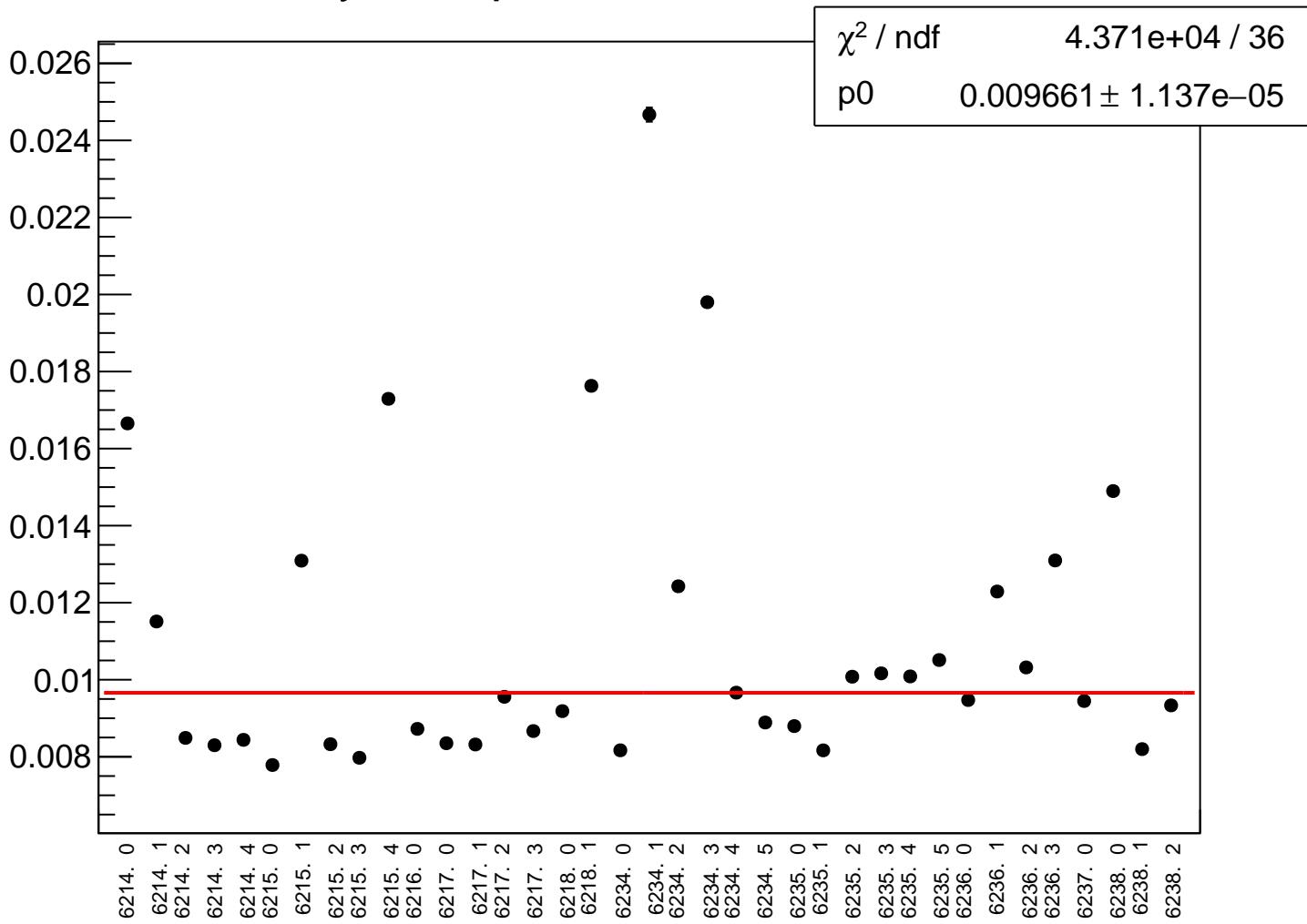
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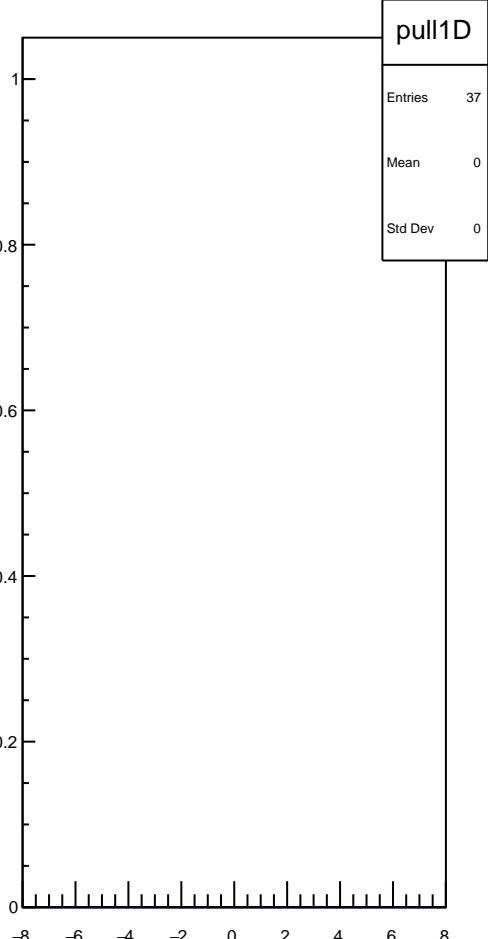
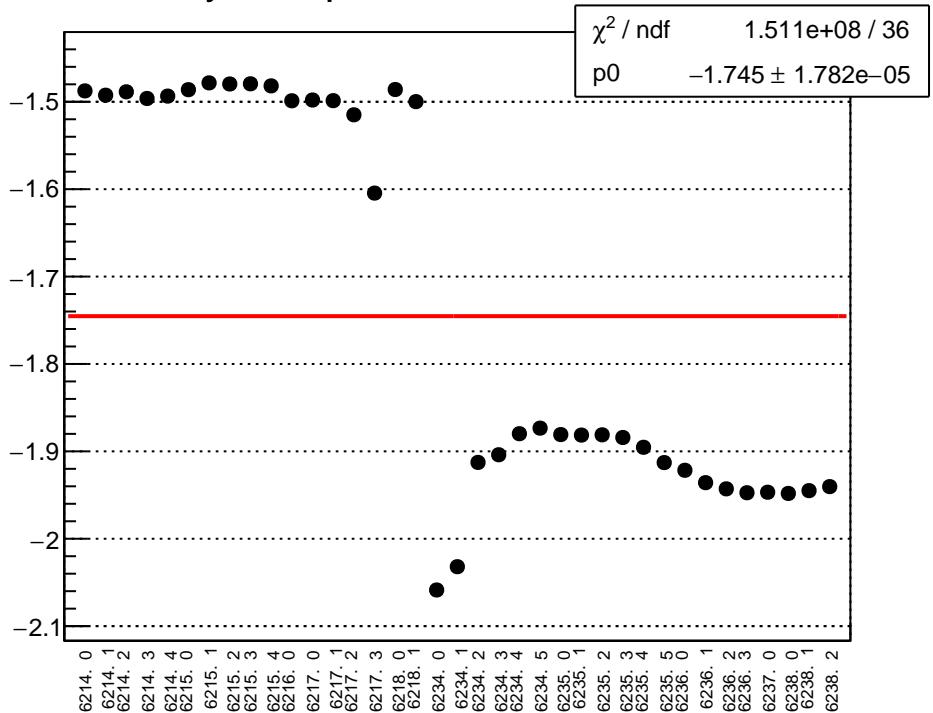
yield_bpm0i02aY_mean vs run



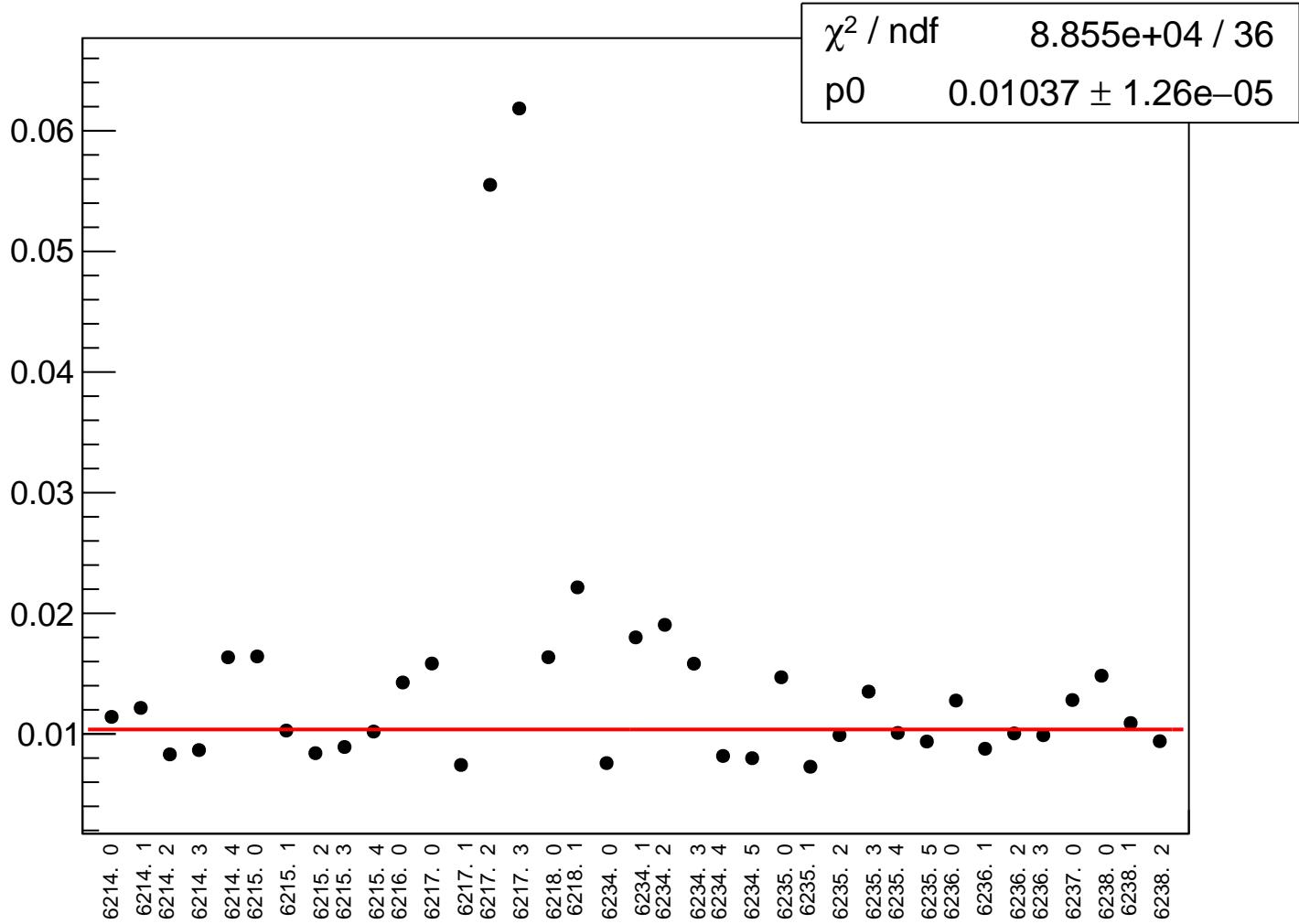
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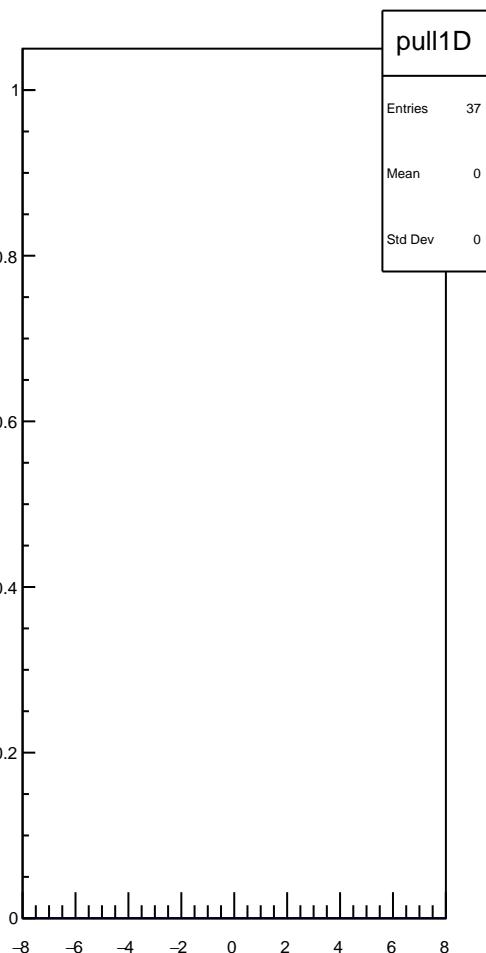
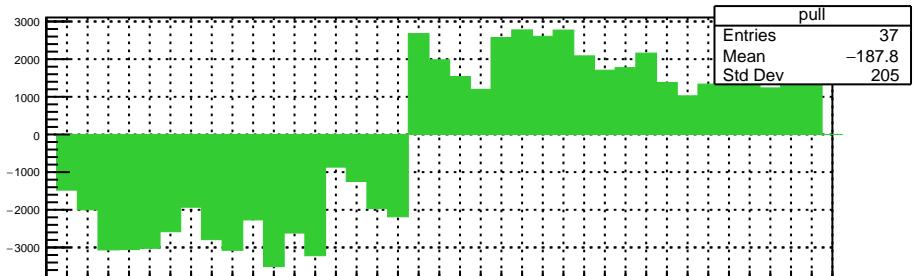
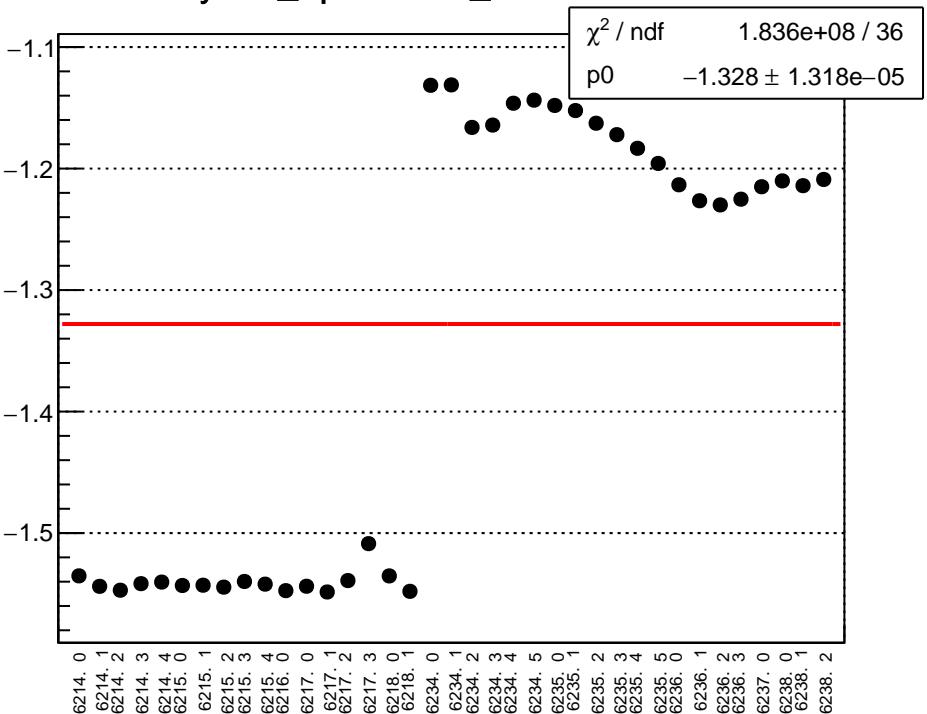
yield_bpm0i05X_mean vs run



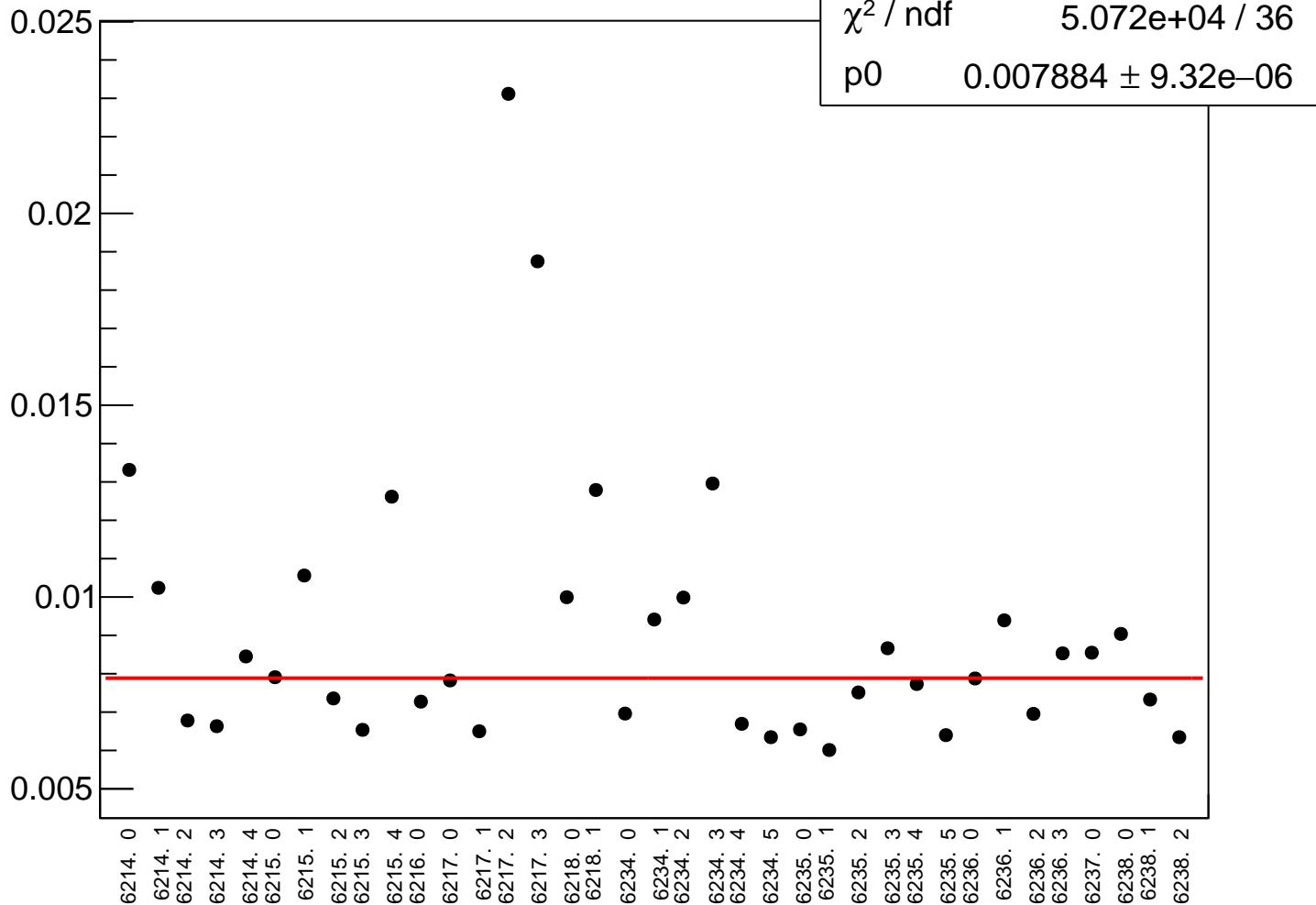
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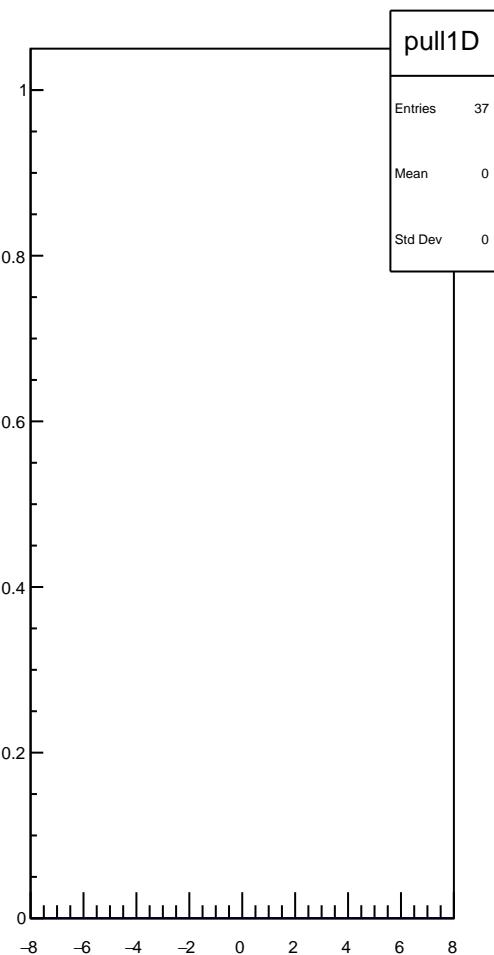
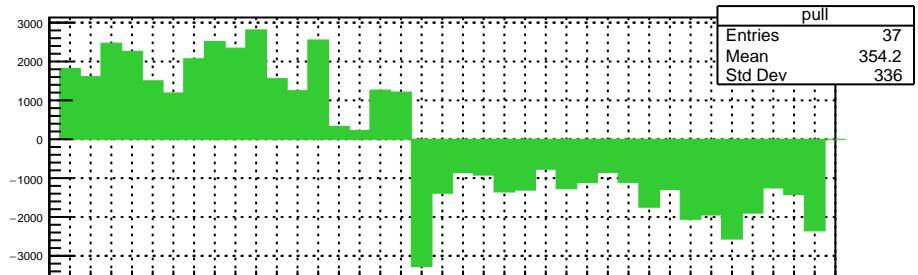
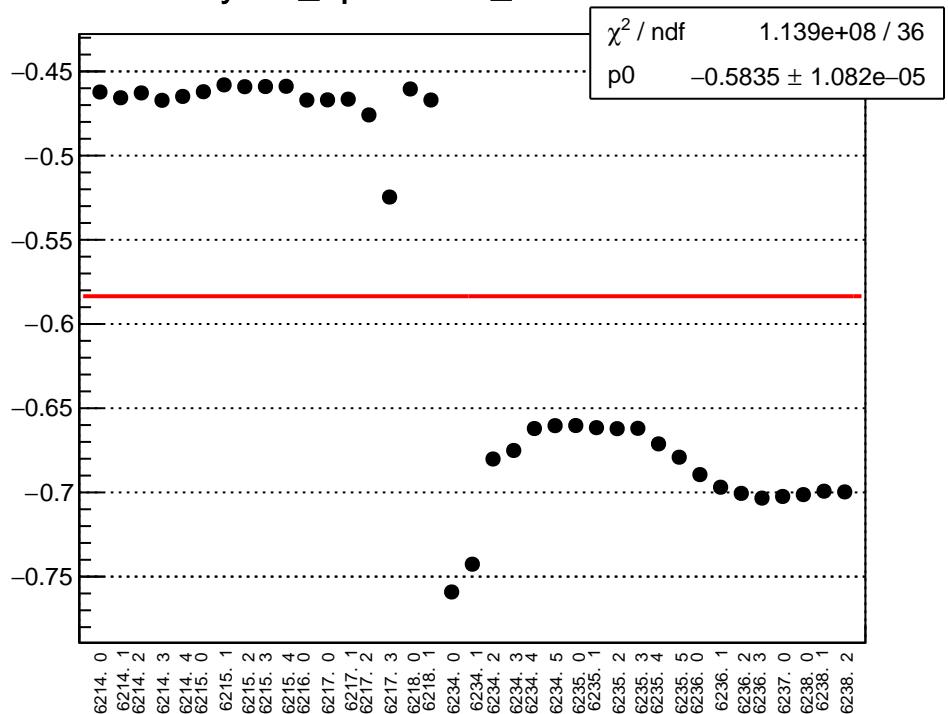
yield_bpm0i05Y_mean vs run



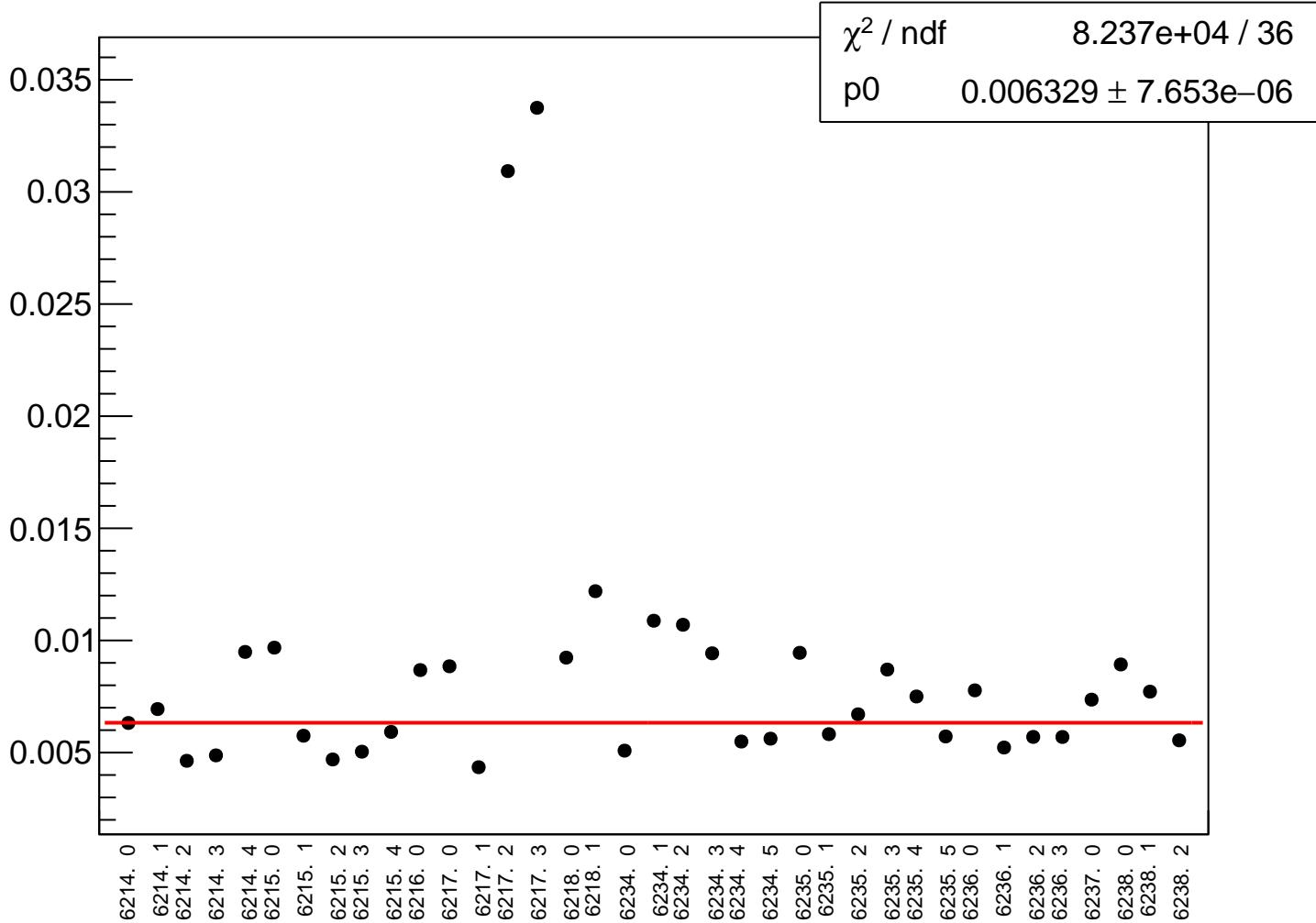
yield_bpm0i05Y_rms vs run



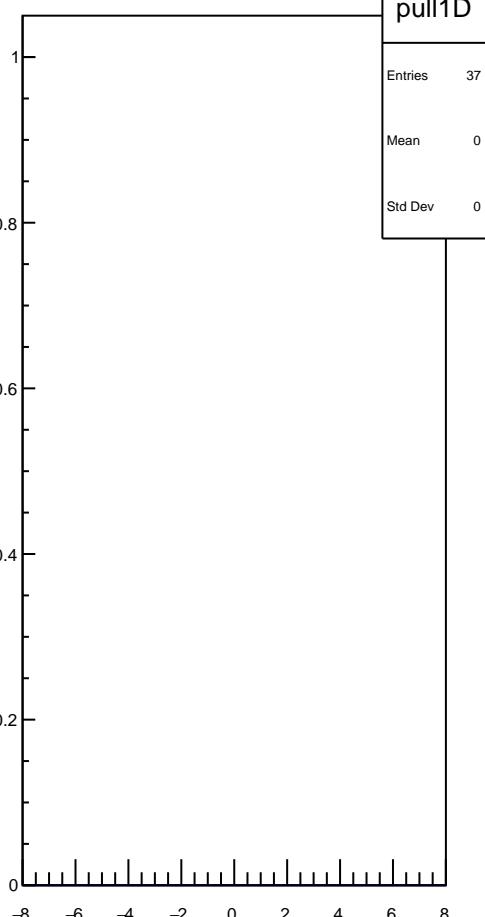
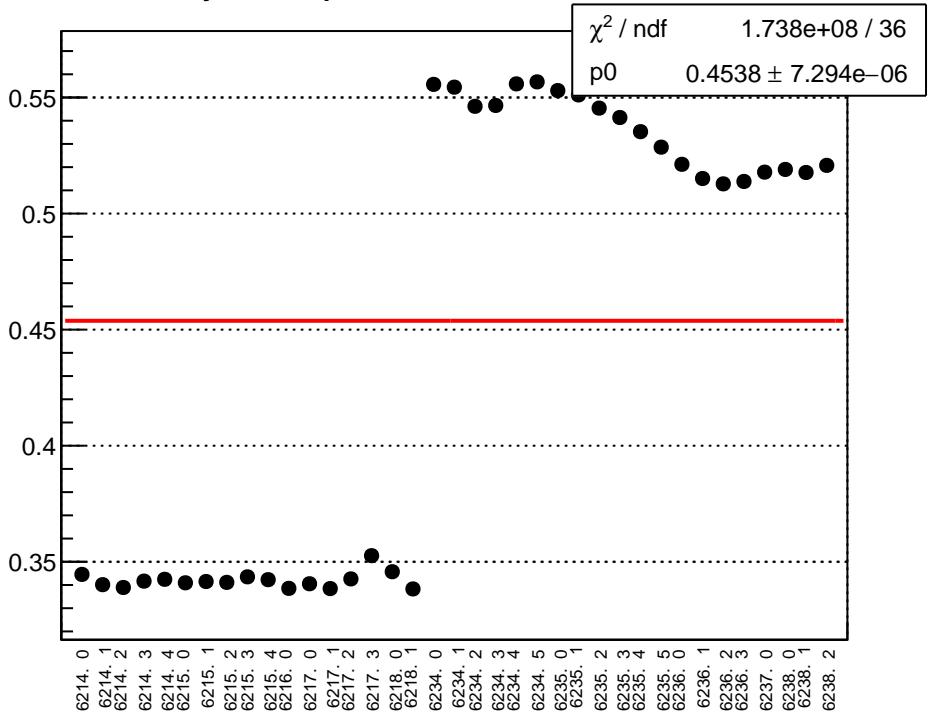
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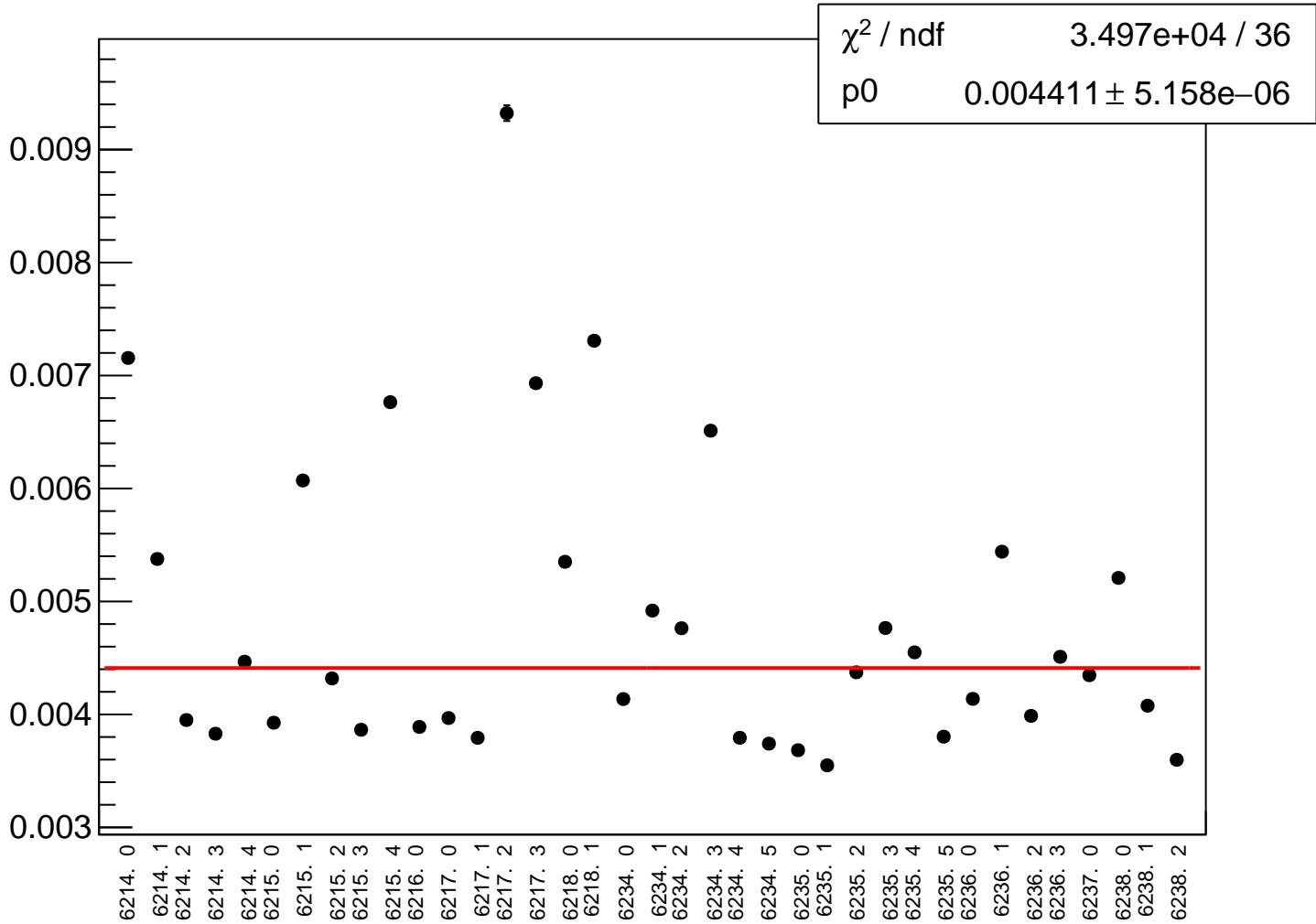
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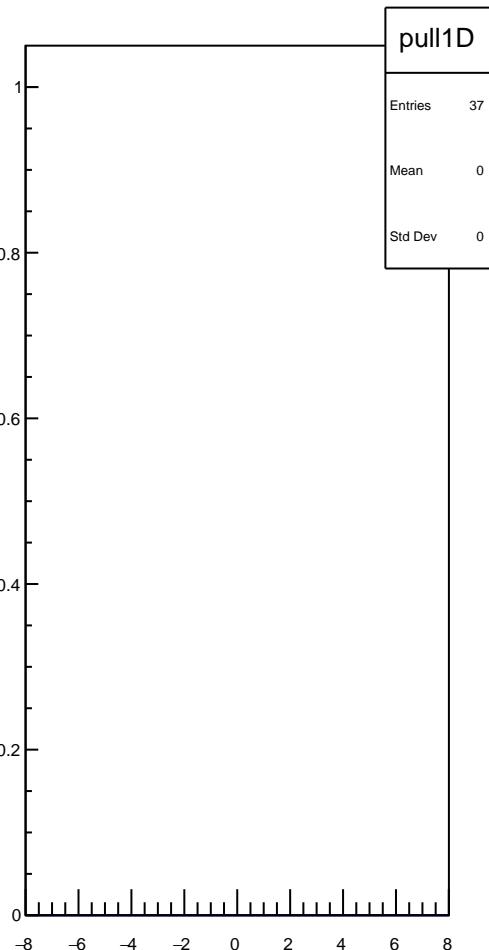
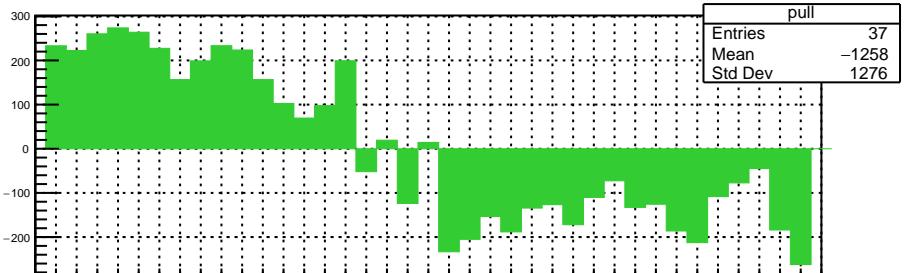
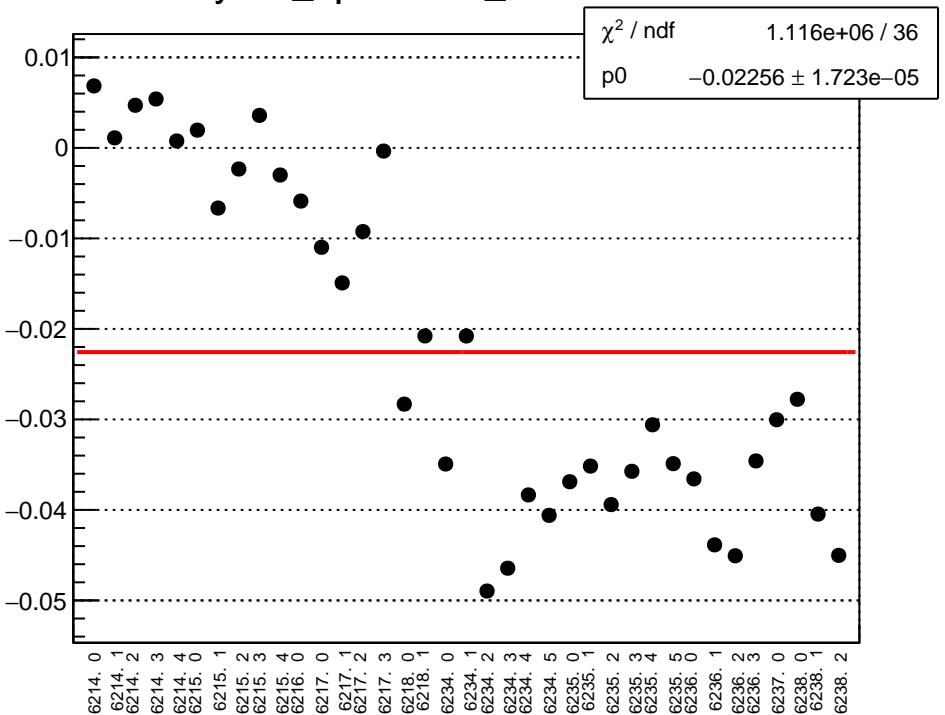
yield_bpm0i07Y_mean vs run



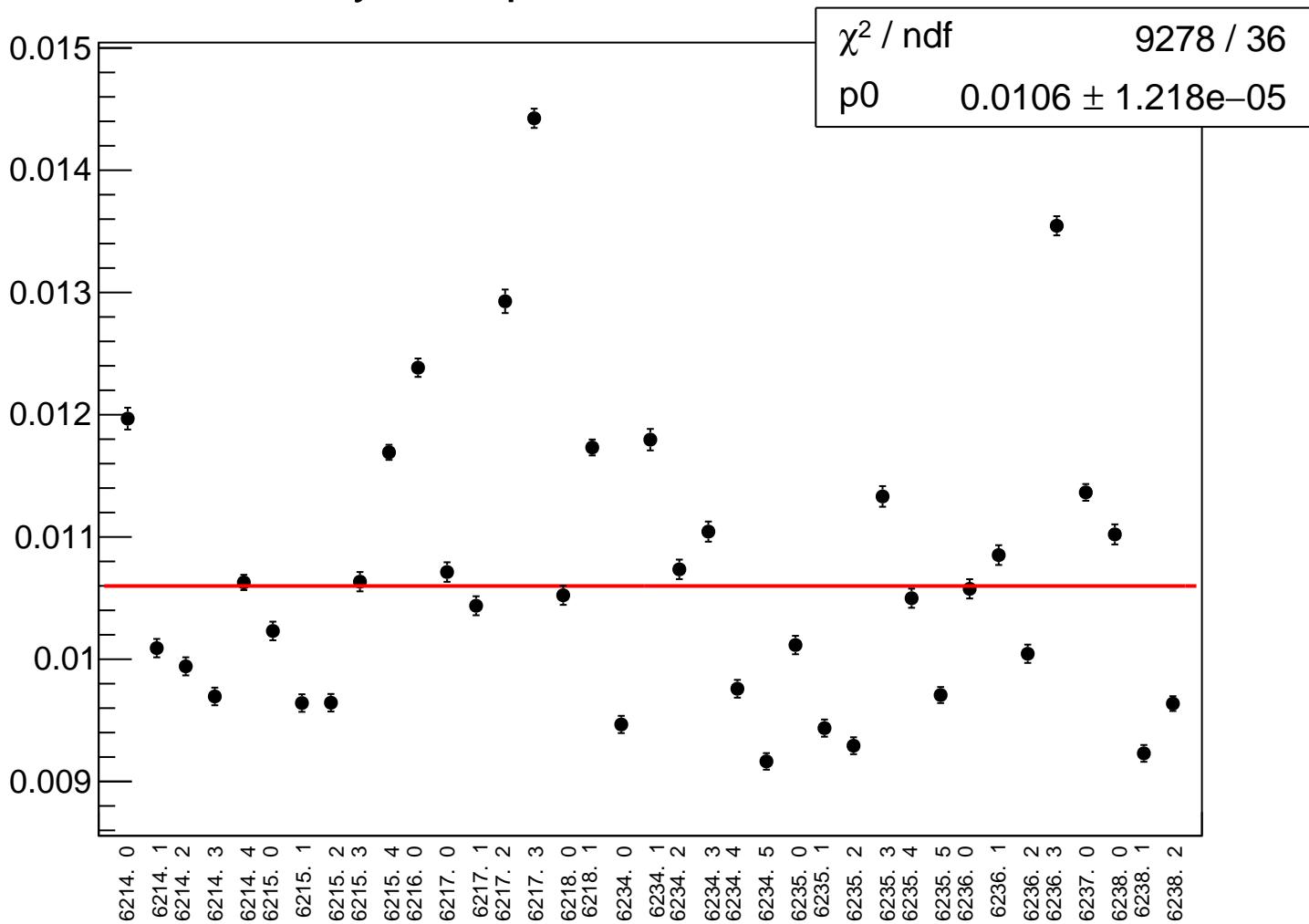
yield_bpm0i07Y_rms vs run



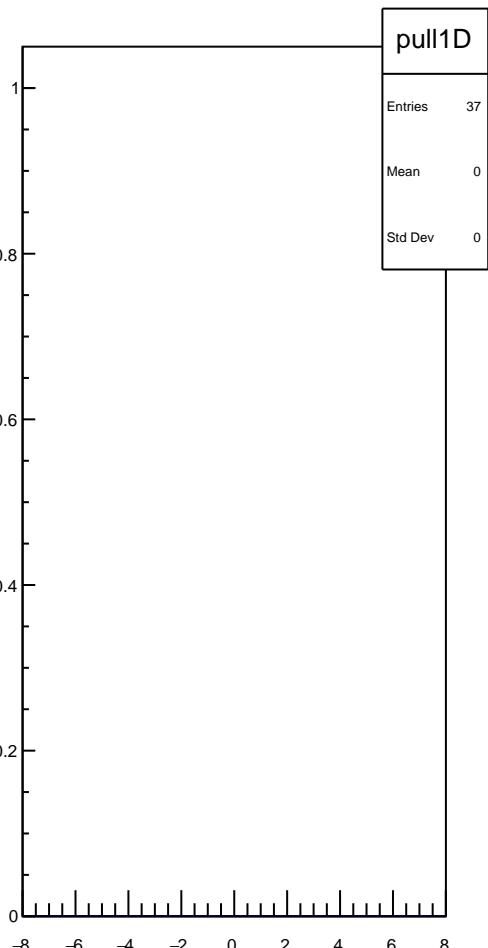
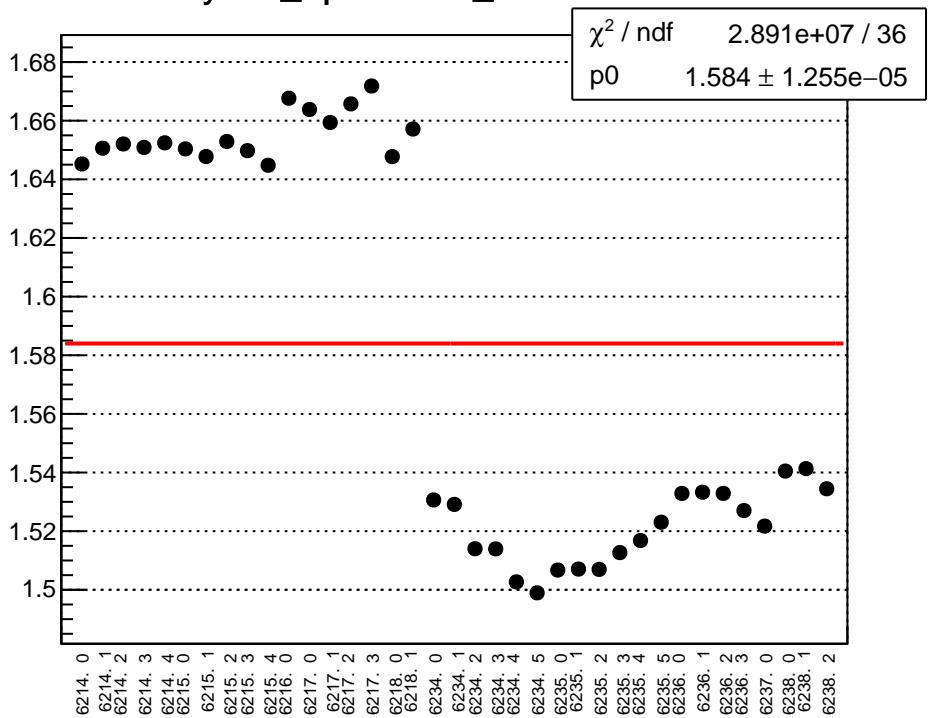
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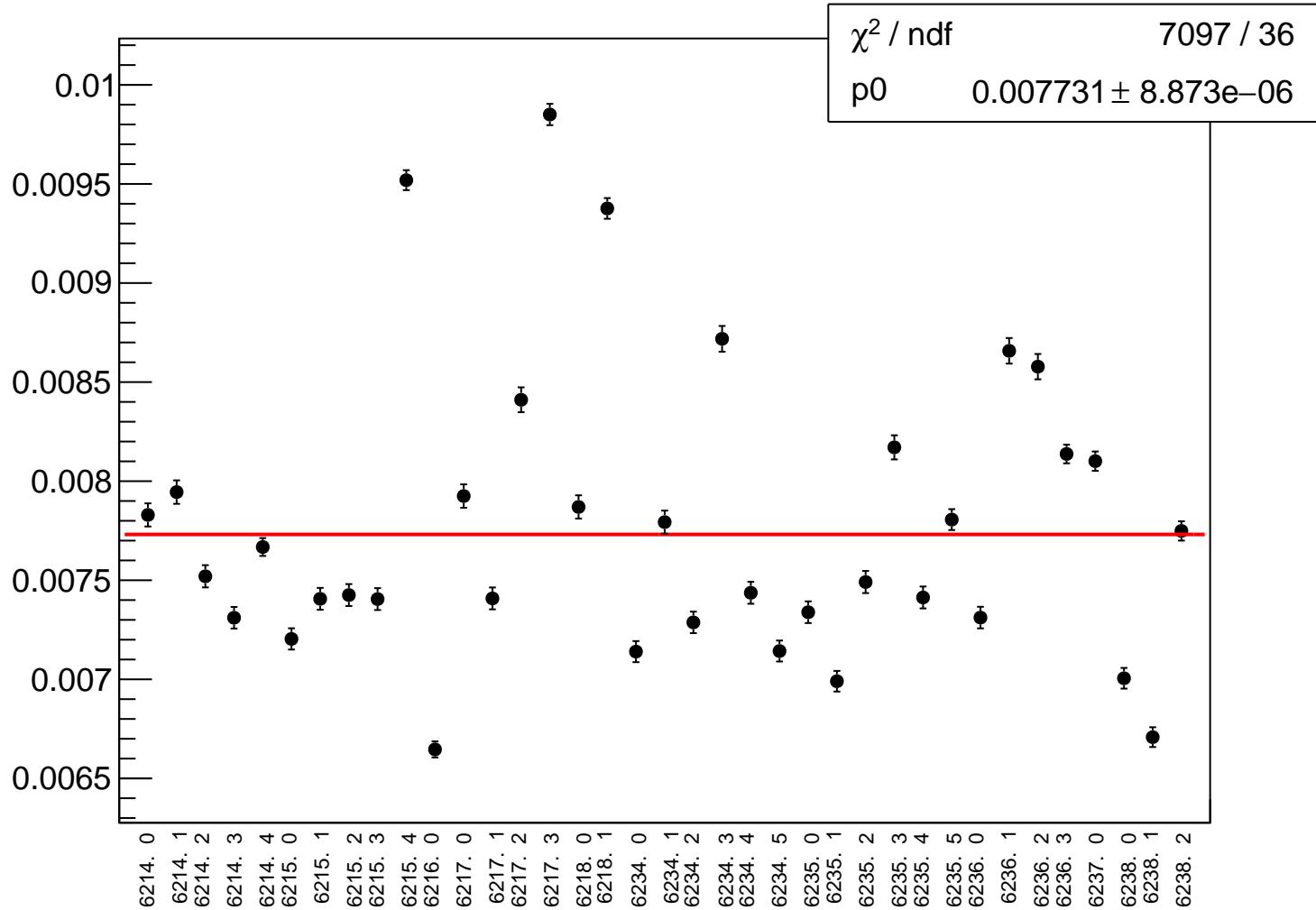
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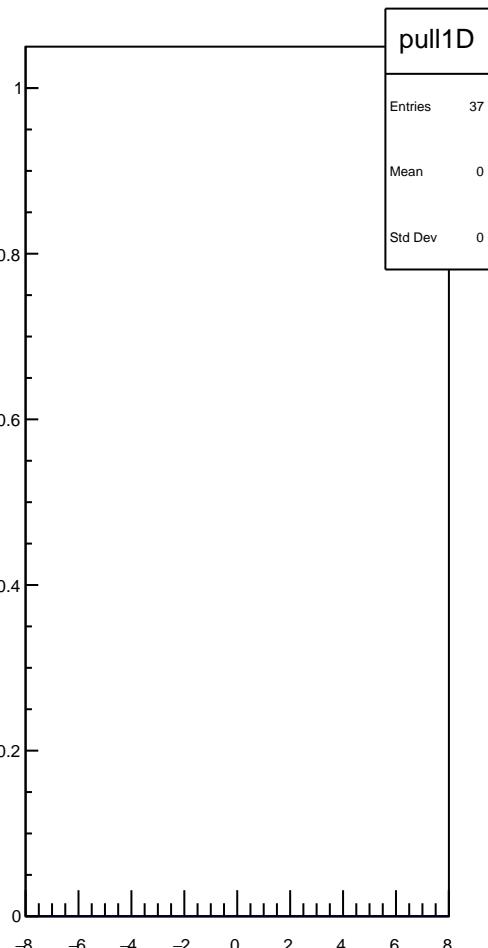
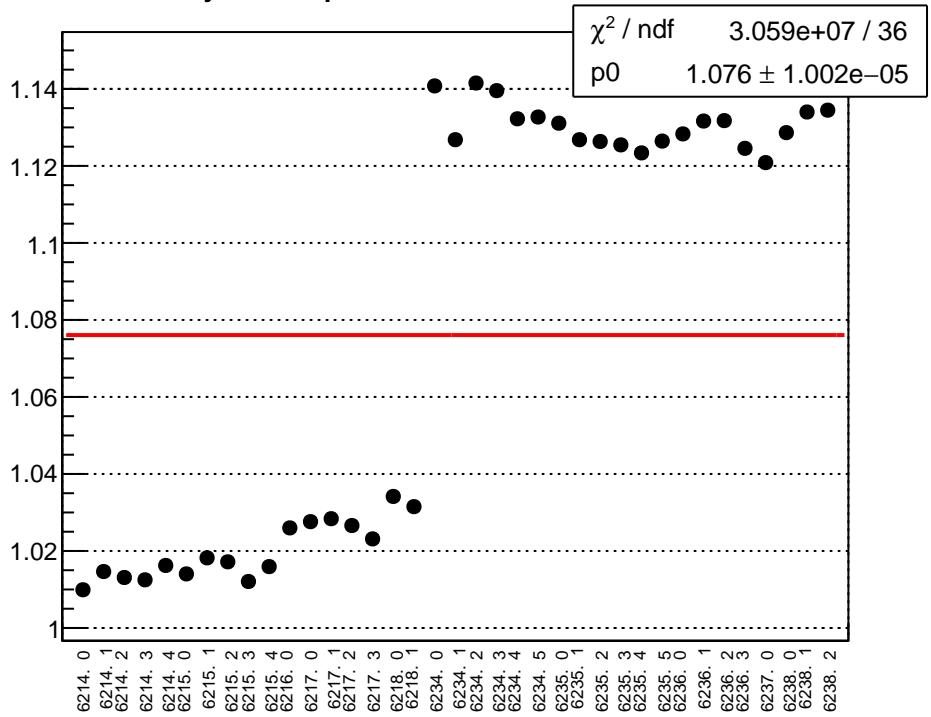
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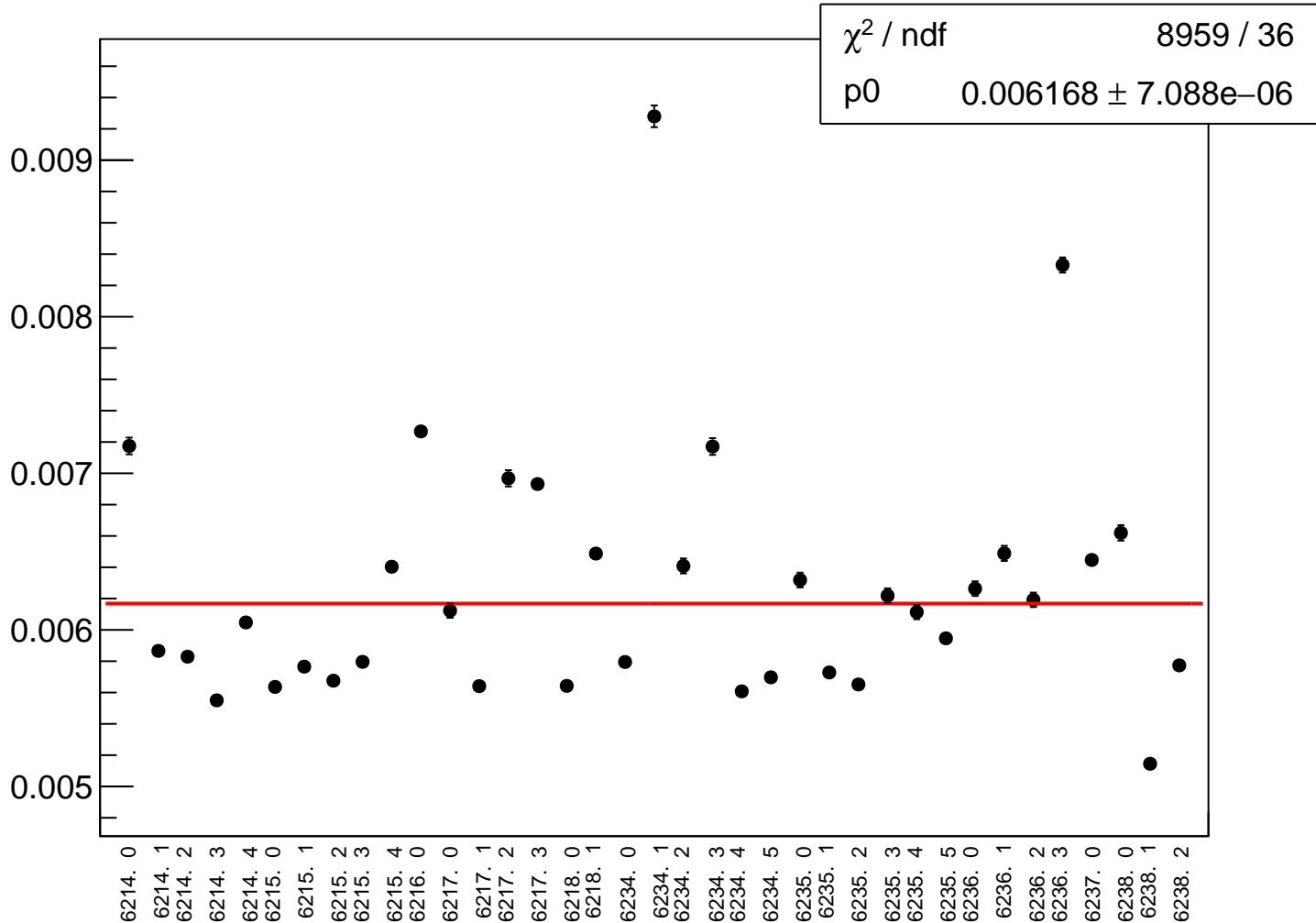
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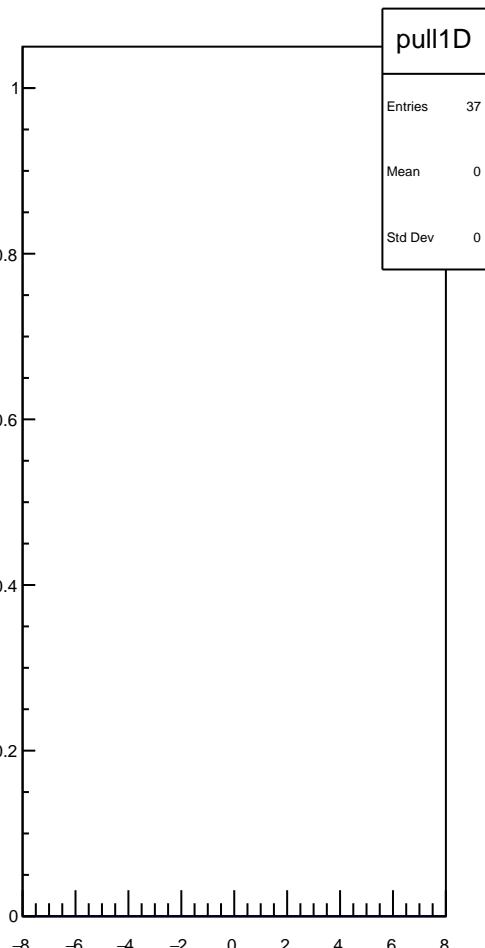
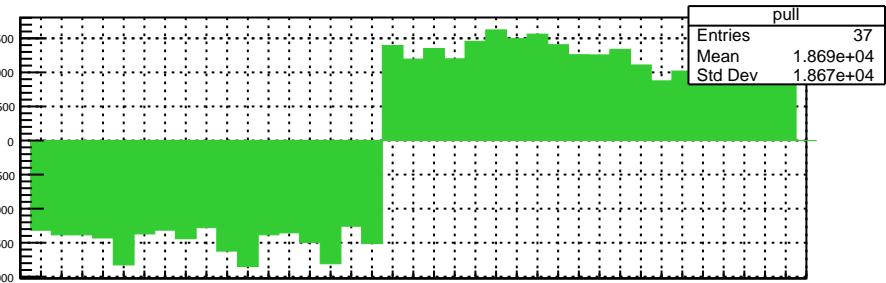
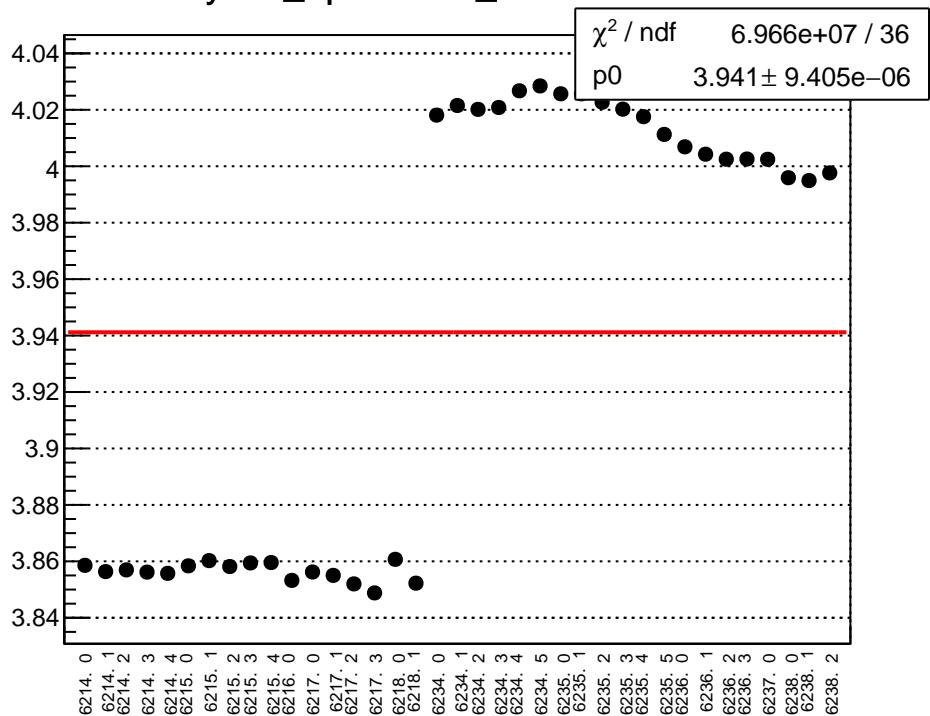
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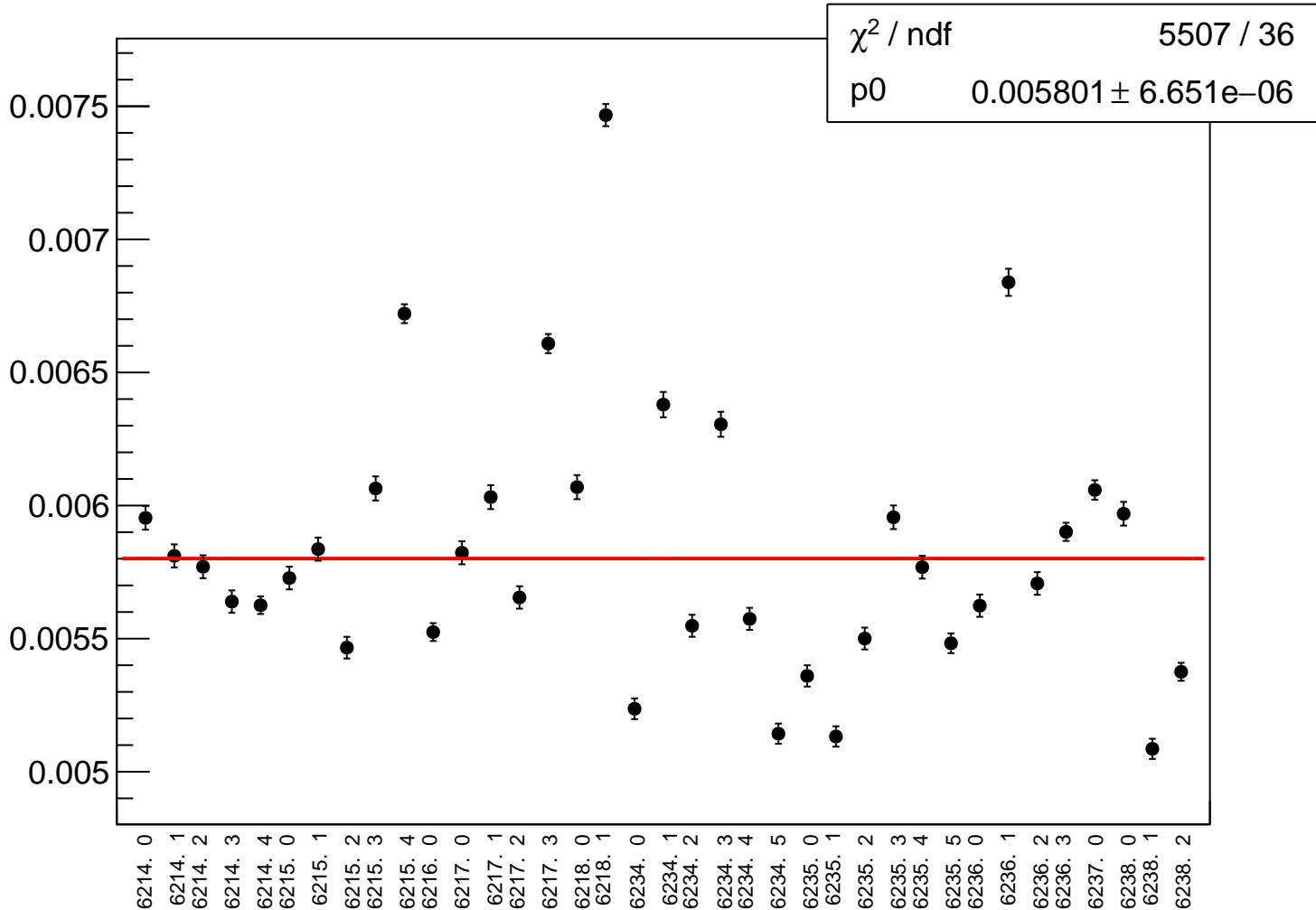
yield_bpm1i04X_rms vs run



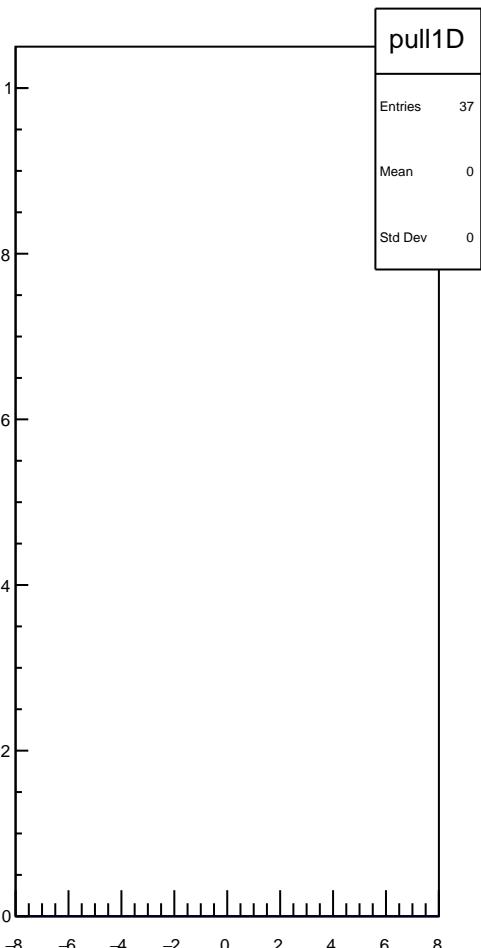
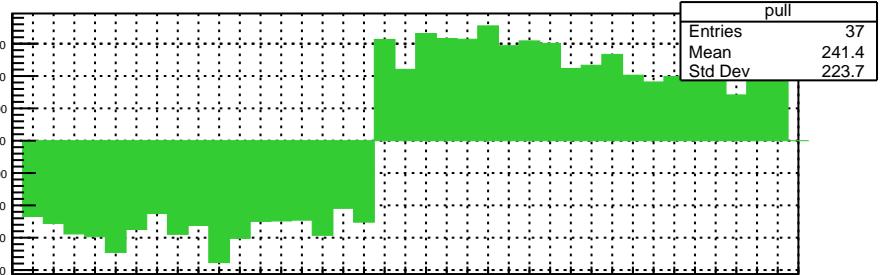
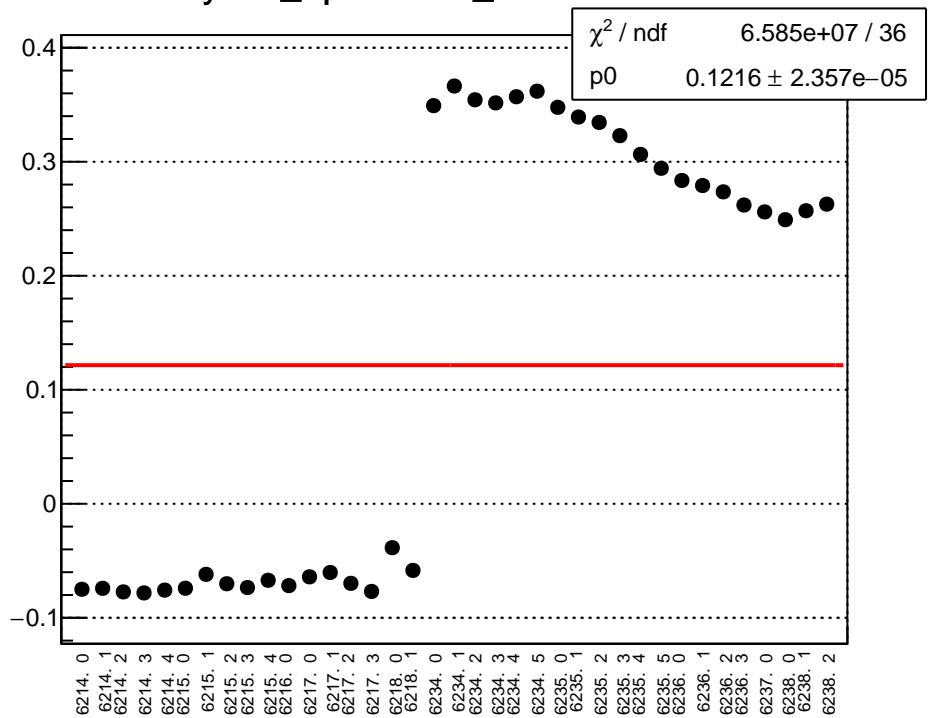
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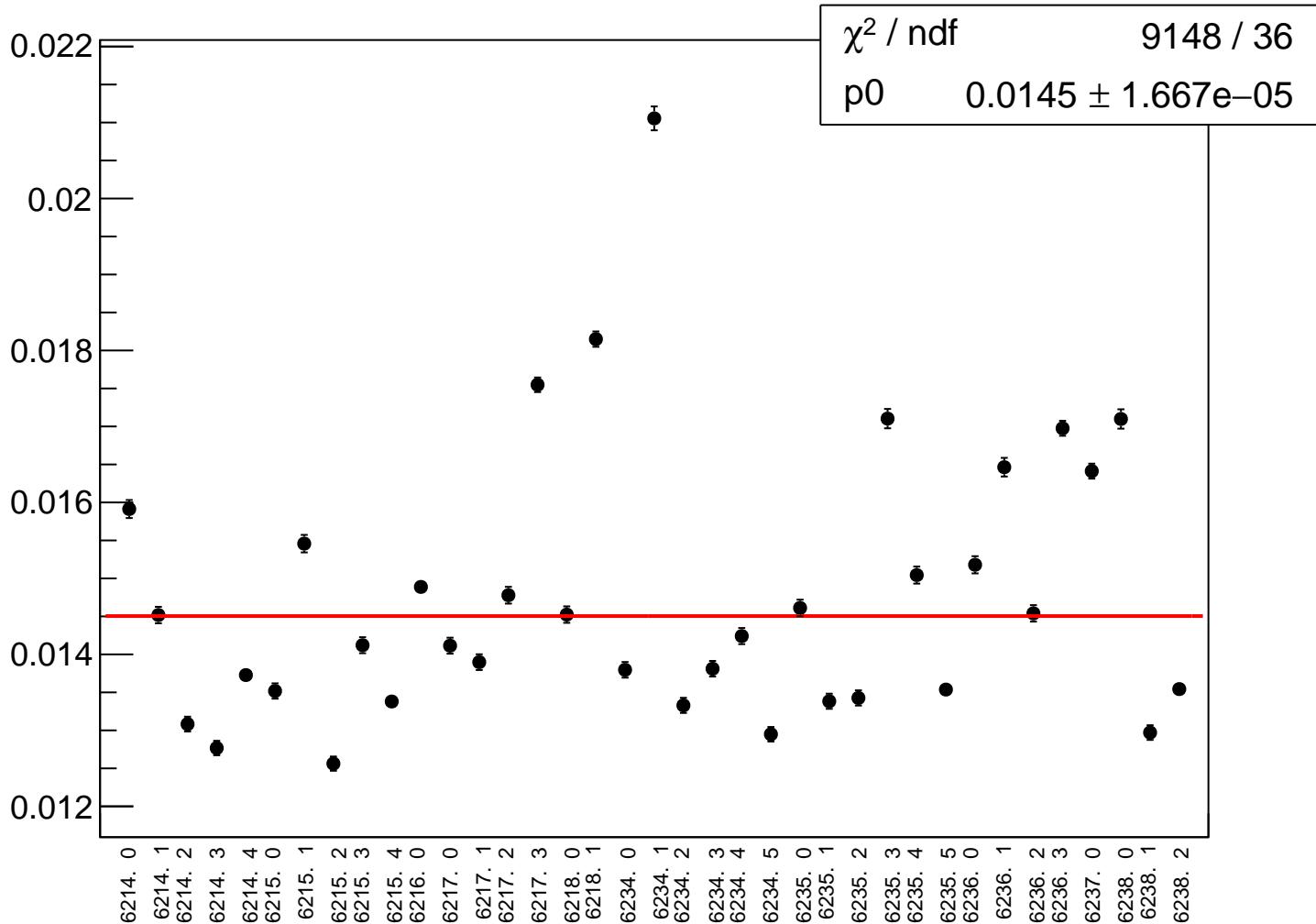
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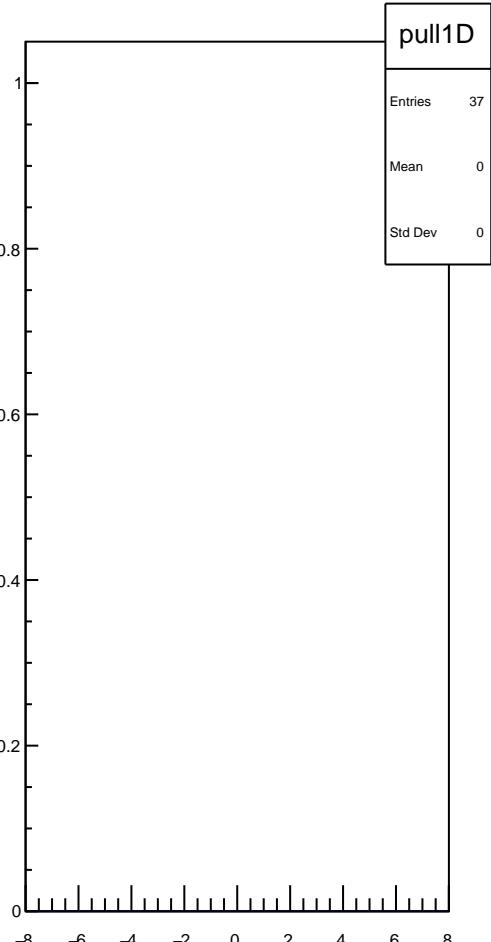
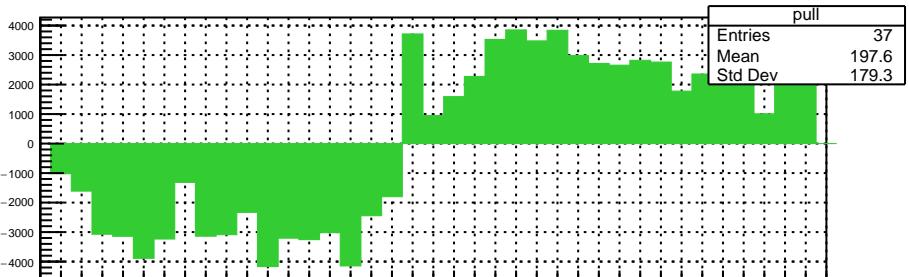
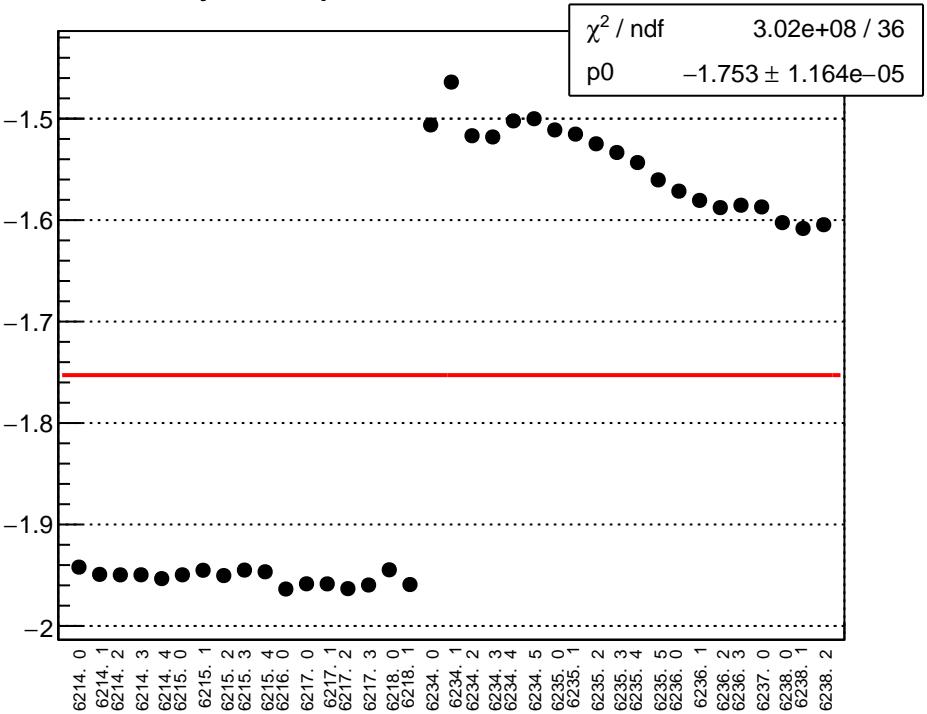
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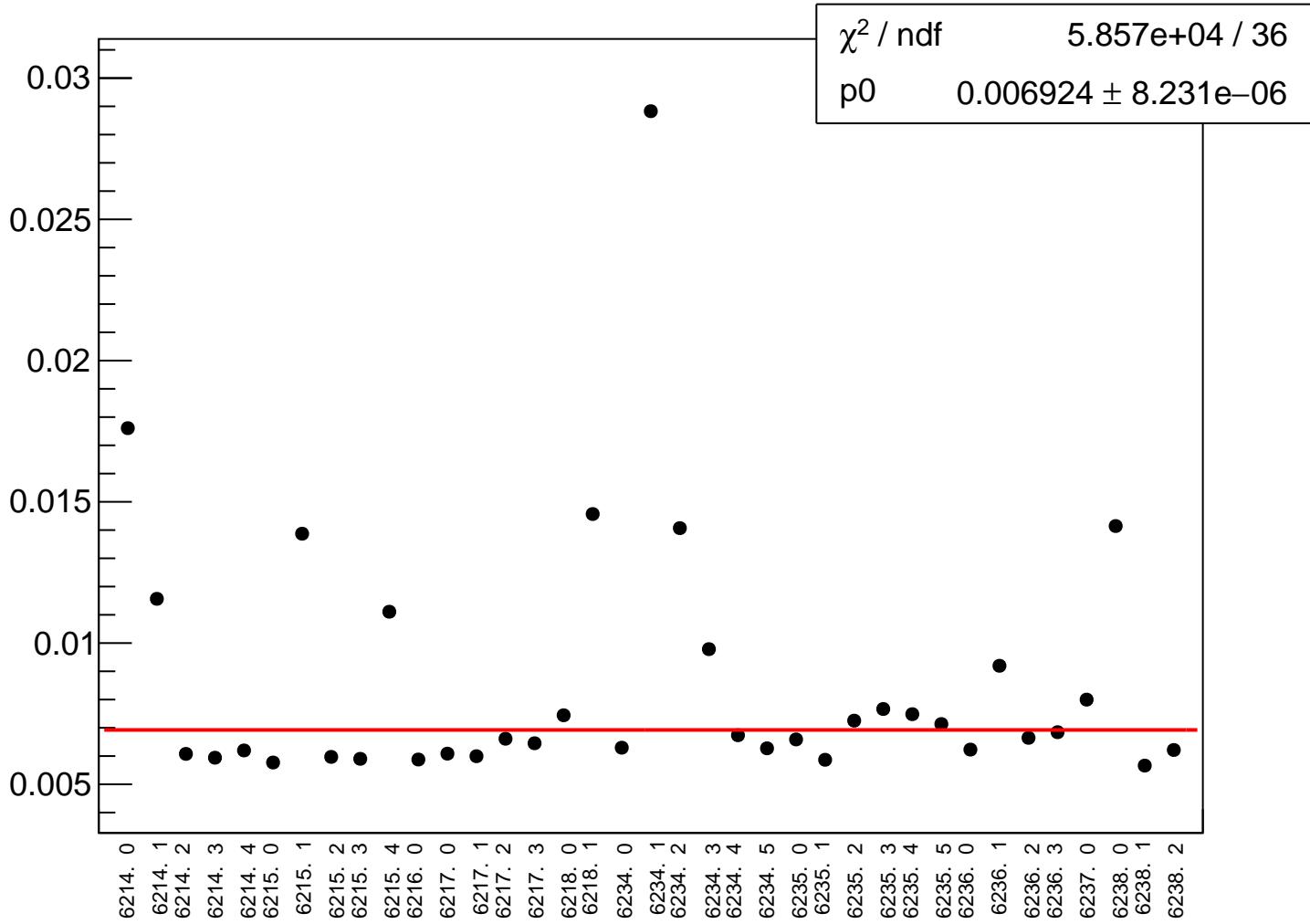
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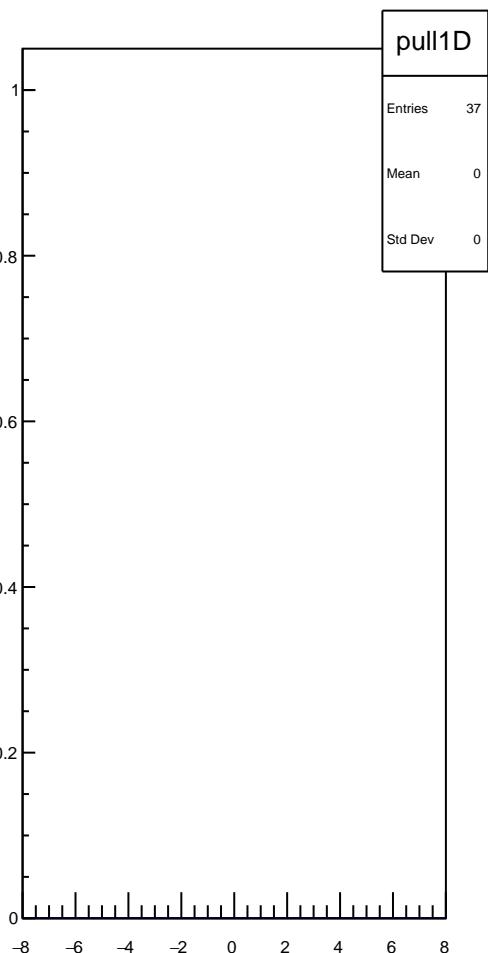
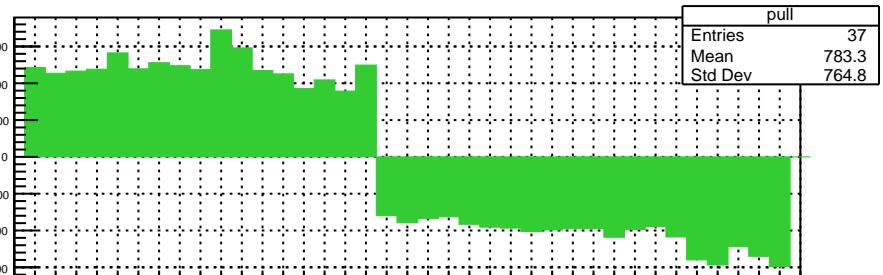
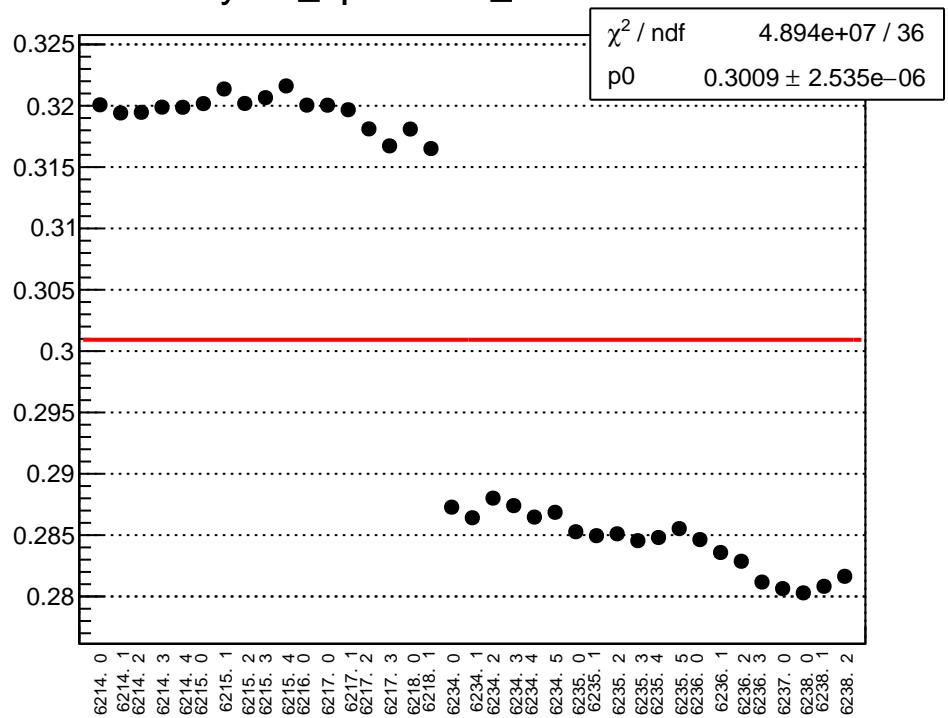
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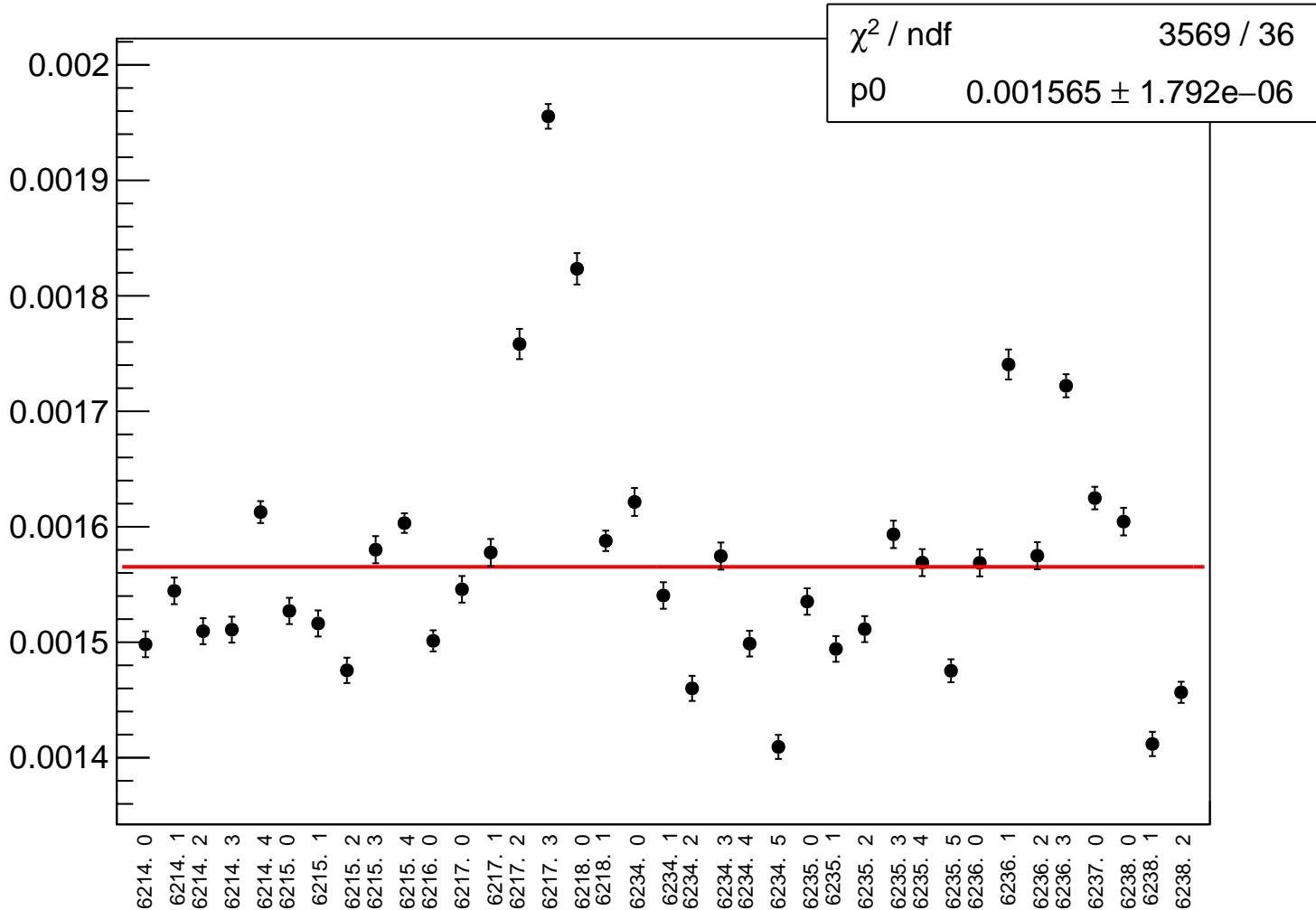
yield_bpm1i06Y_rms vs run



yield_bpm2i01X_mean vs run

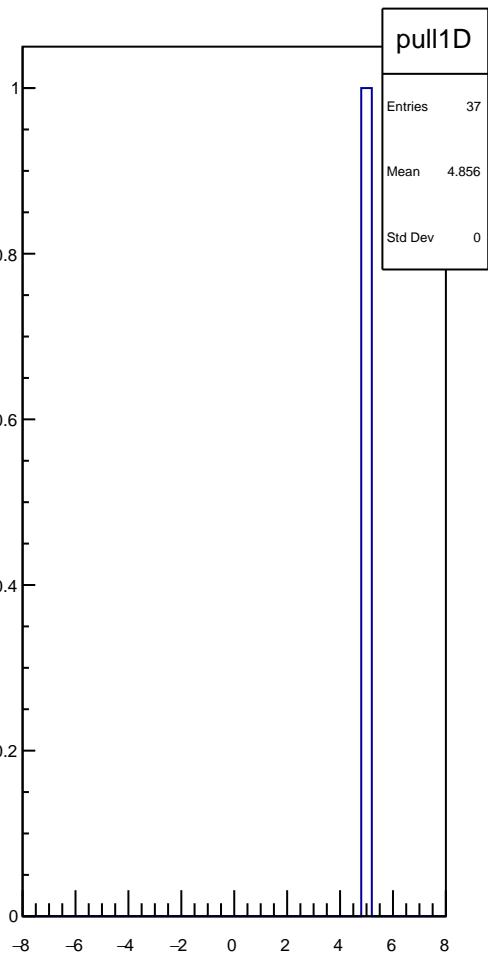
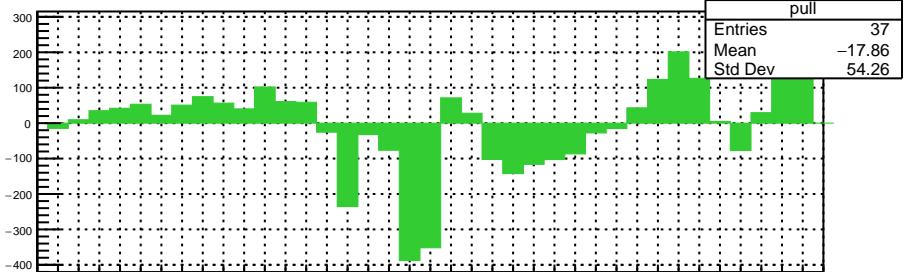
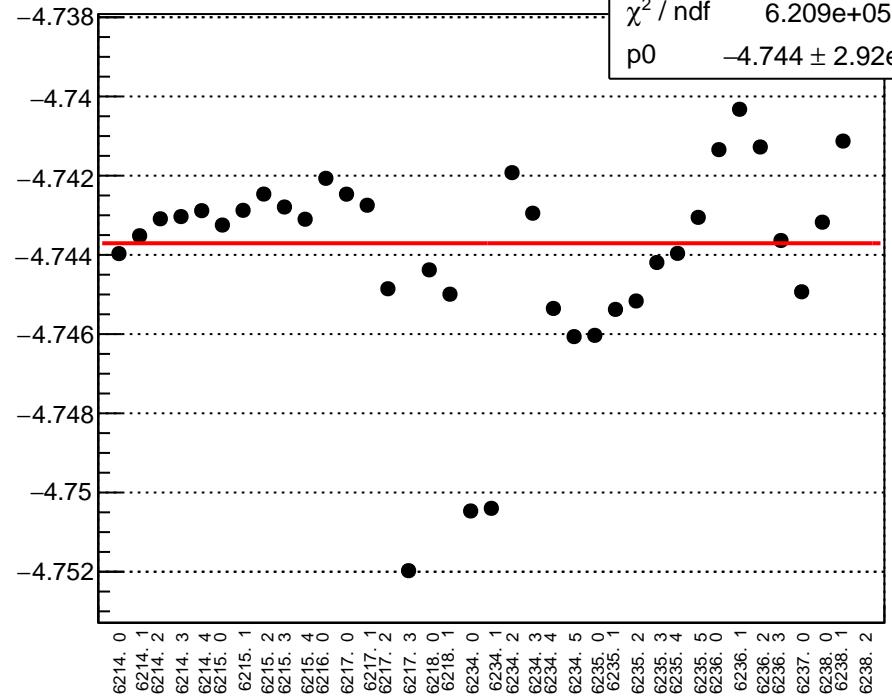


yield_bpm2i01X_rms vs run

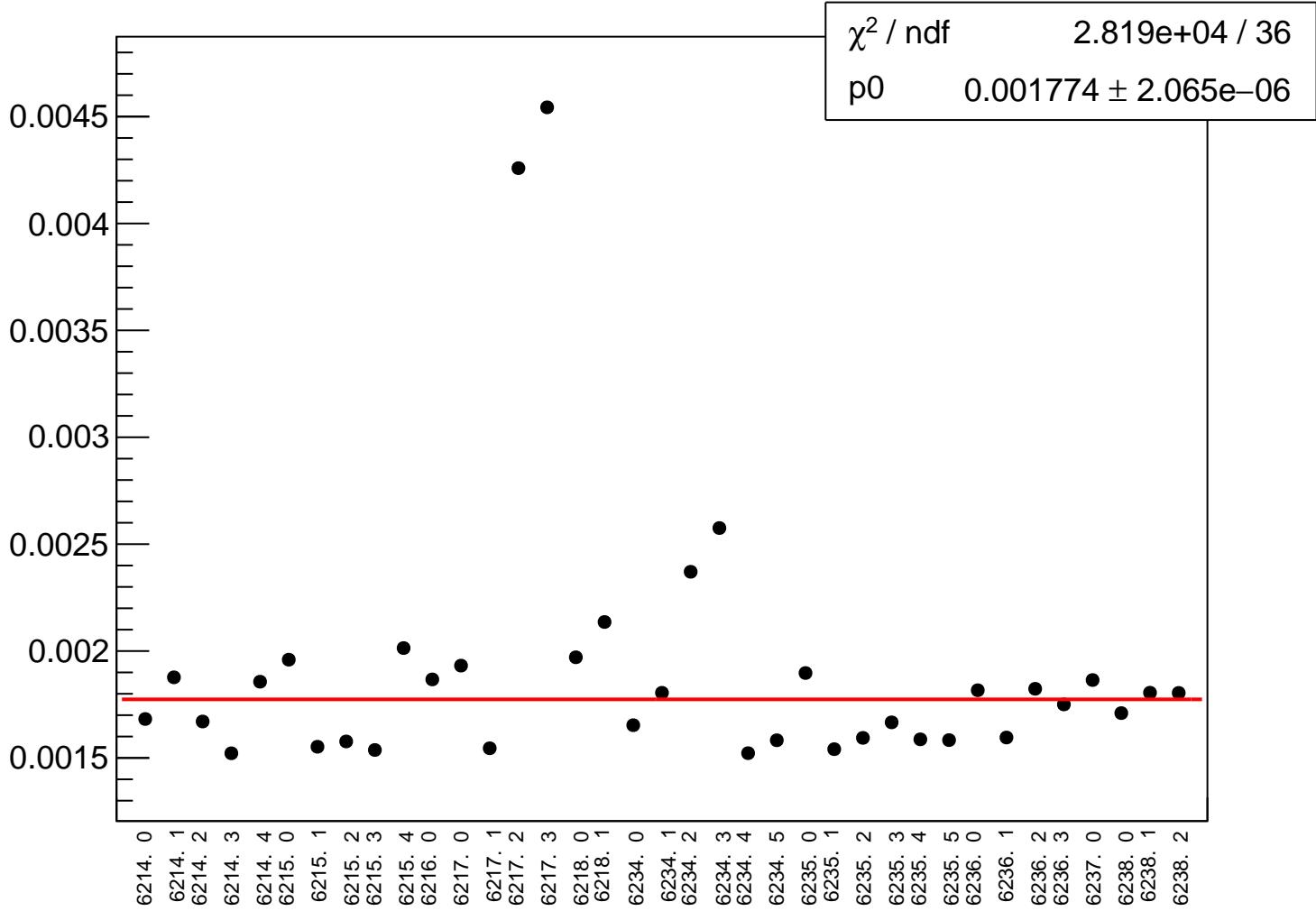


yield_bpm2i01Y_mean vs run

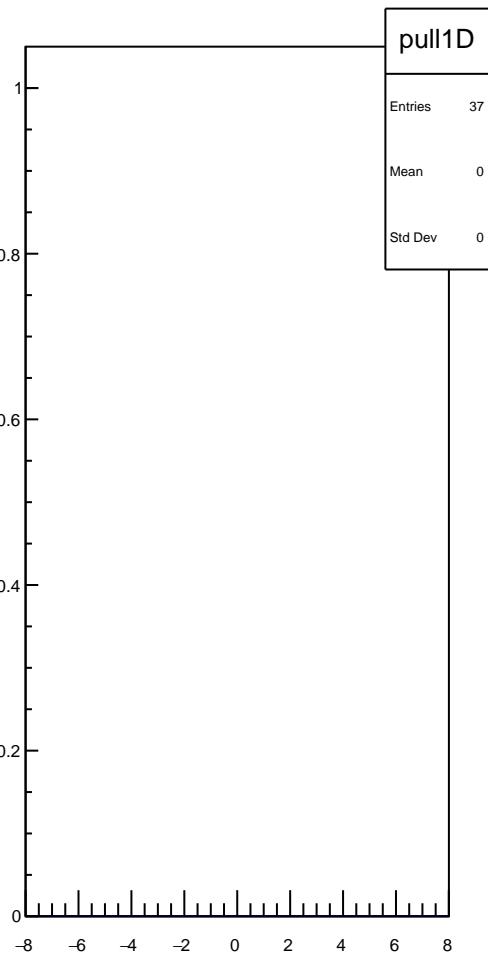
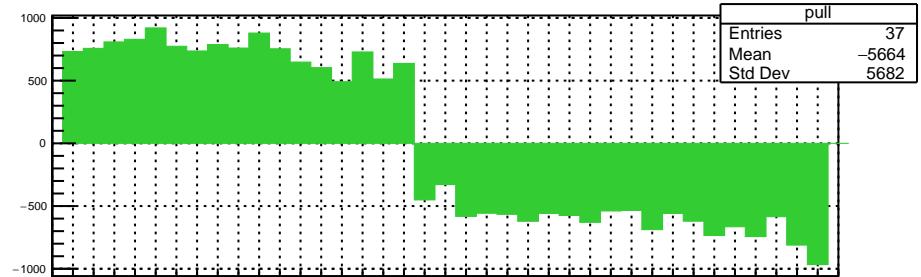
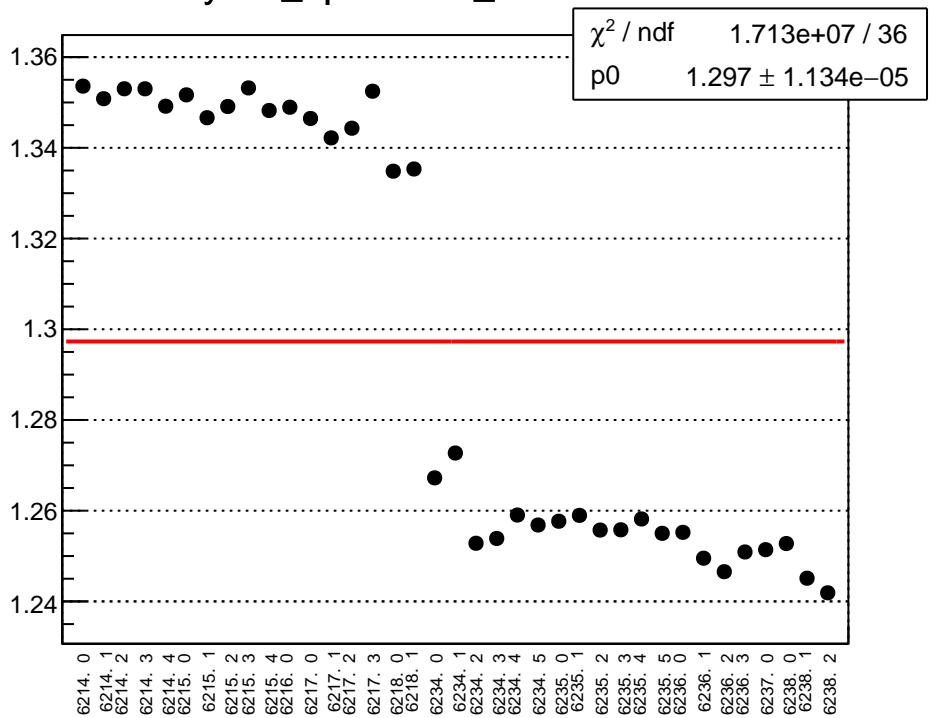
χ^2 / ndf 6.209e+05 / 36
 $p0$ $-4.744 \pm 2.92\text{e}-06$



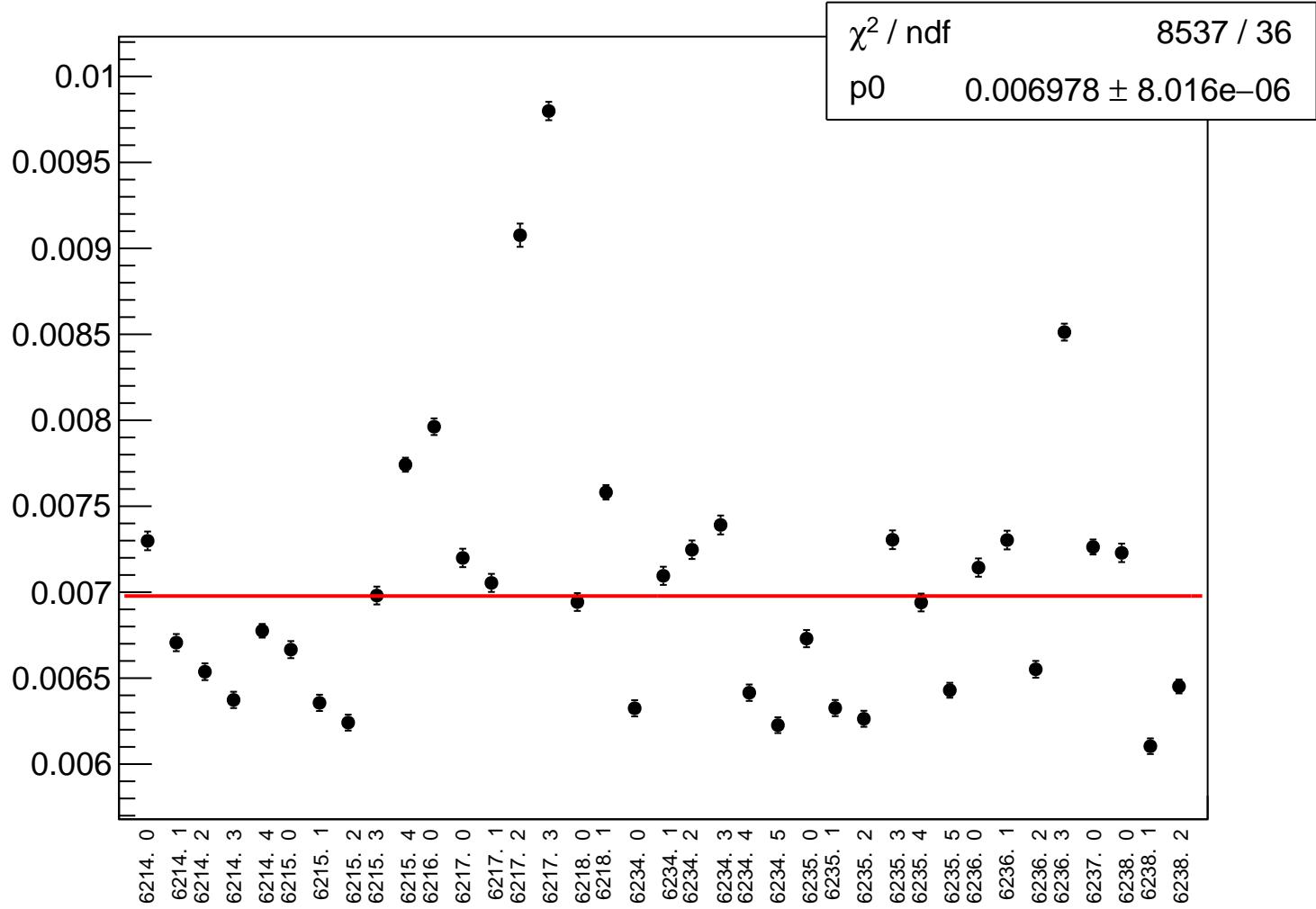
yield_bpm2i01Y_rms vs run



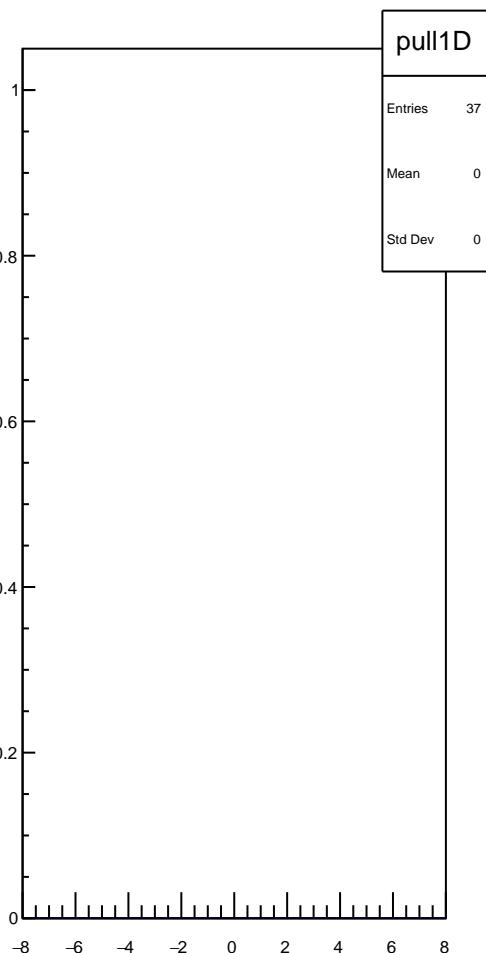
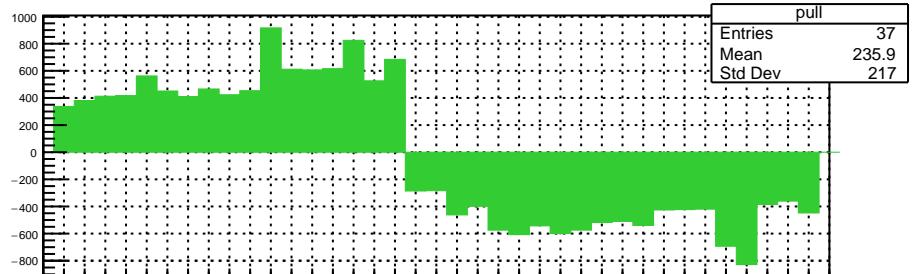
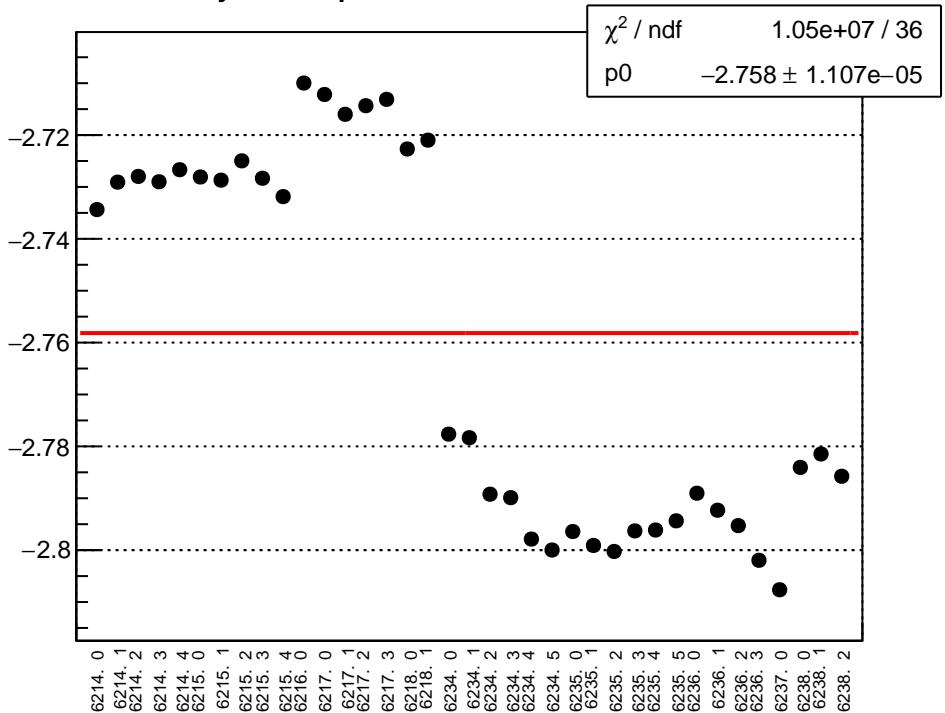
yield_bpm2i02X_mean vs run



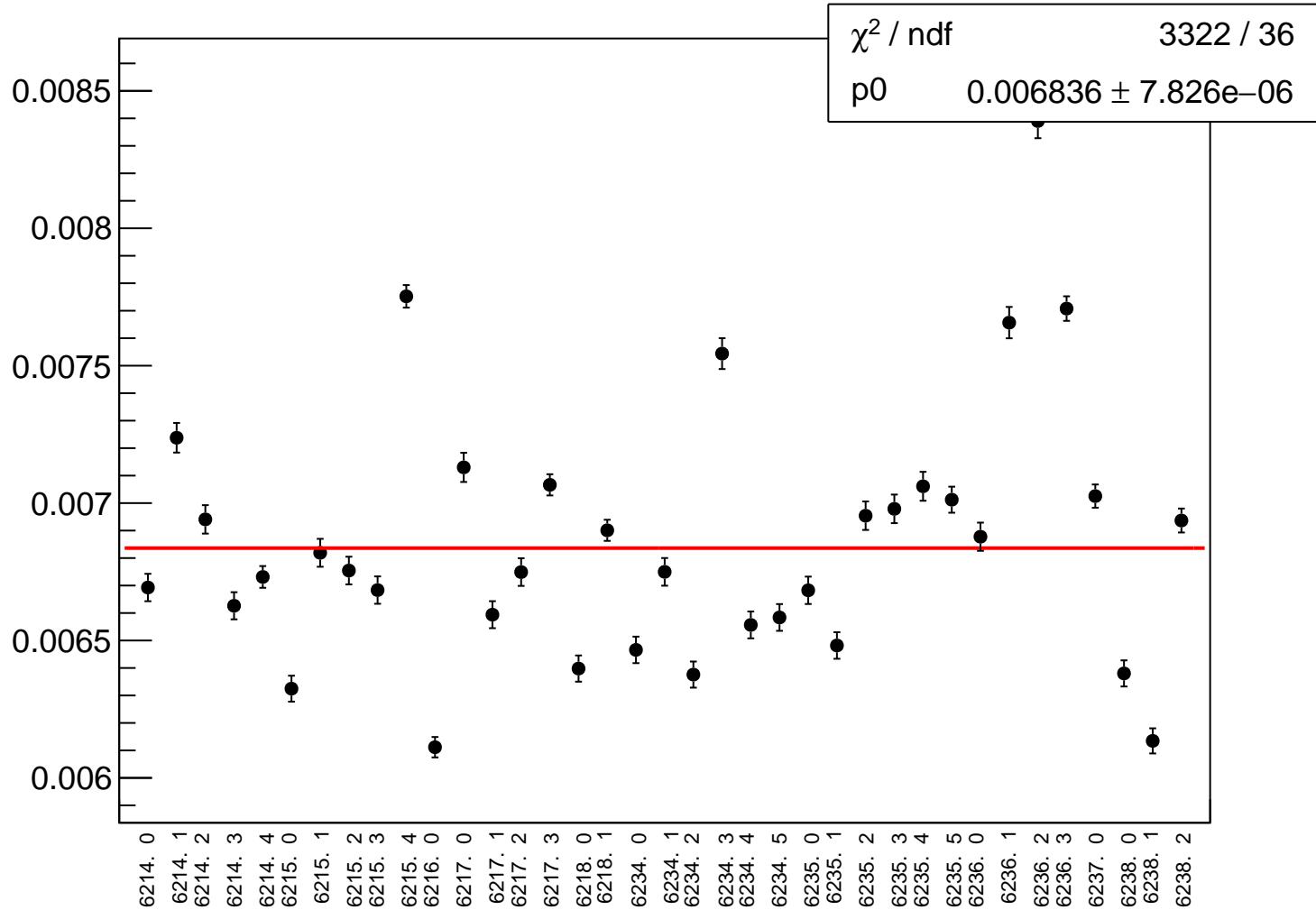
yield_bpm2i02X_rms vs run



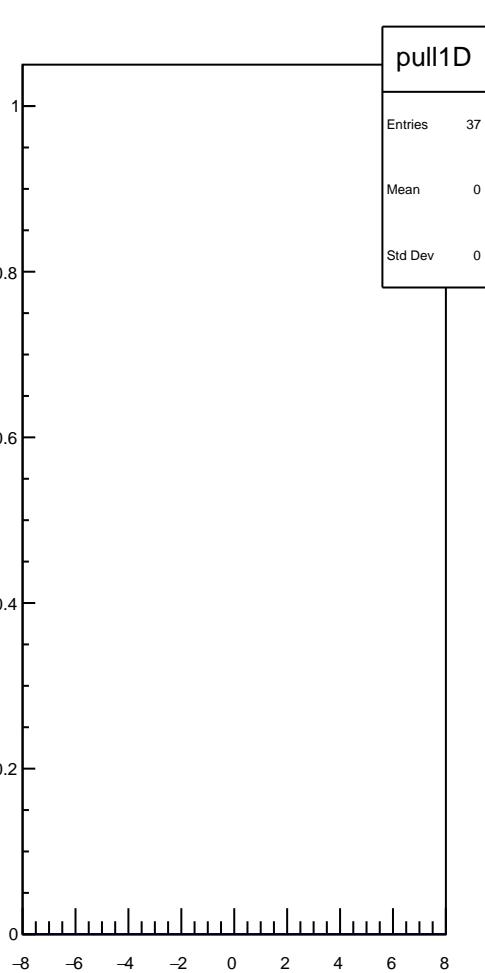
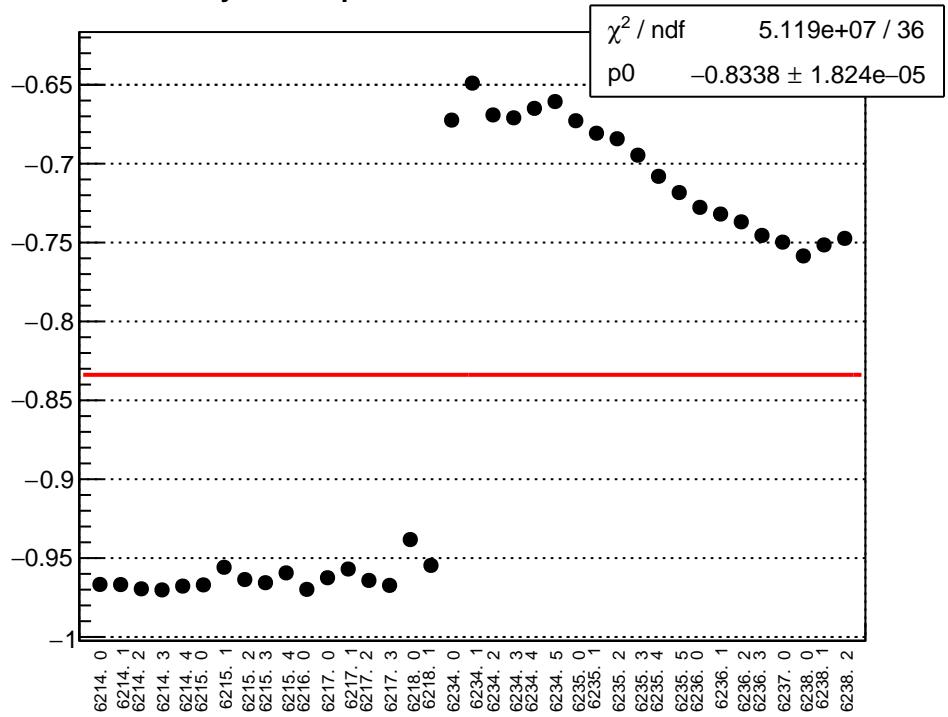
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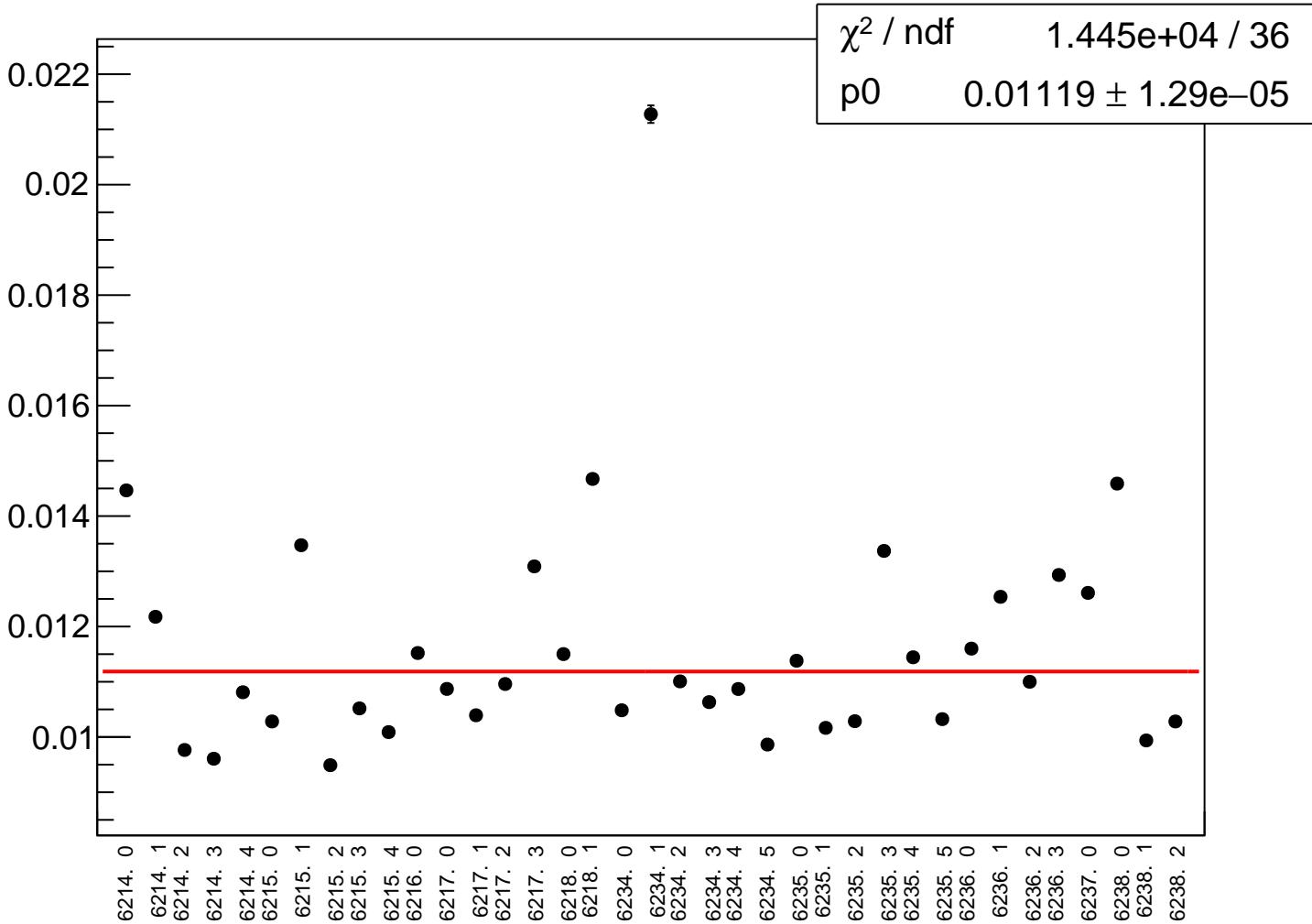
yield_bpm2i02Y_rms vs run



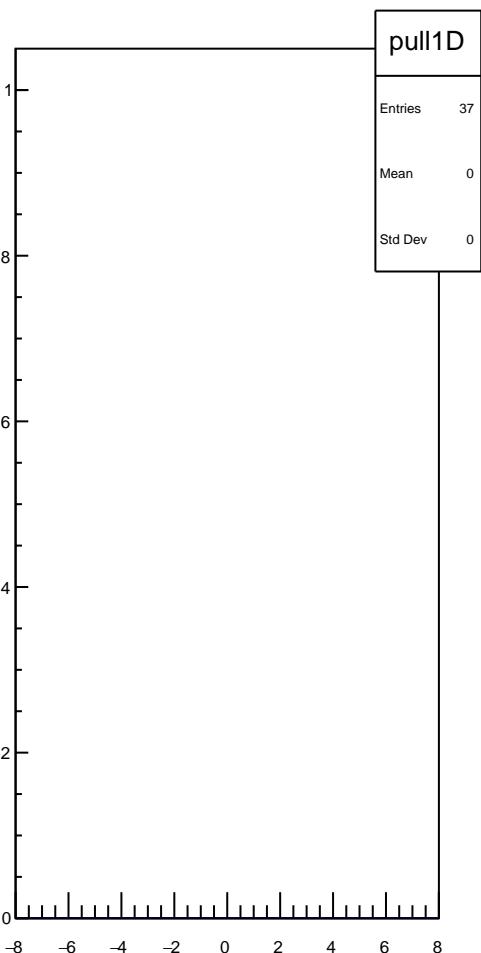
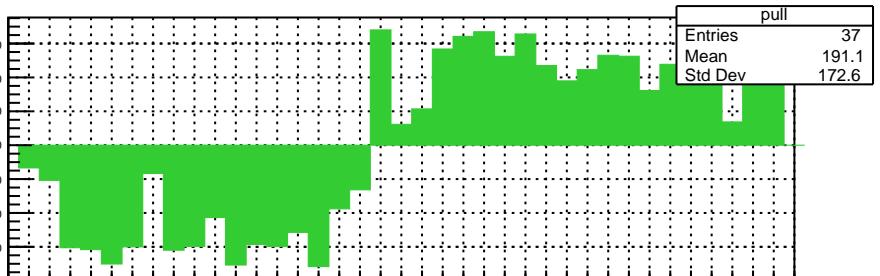
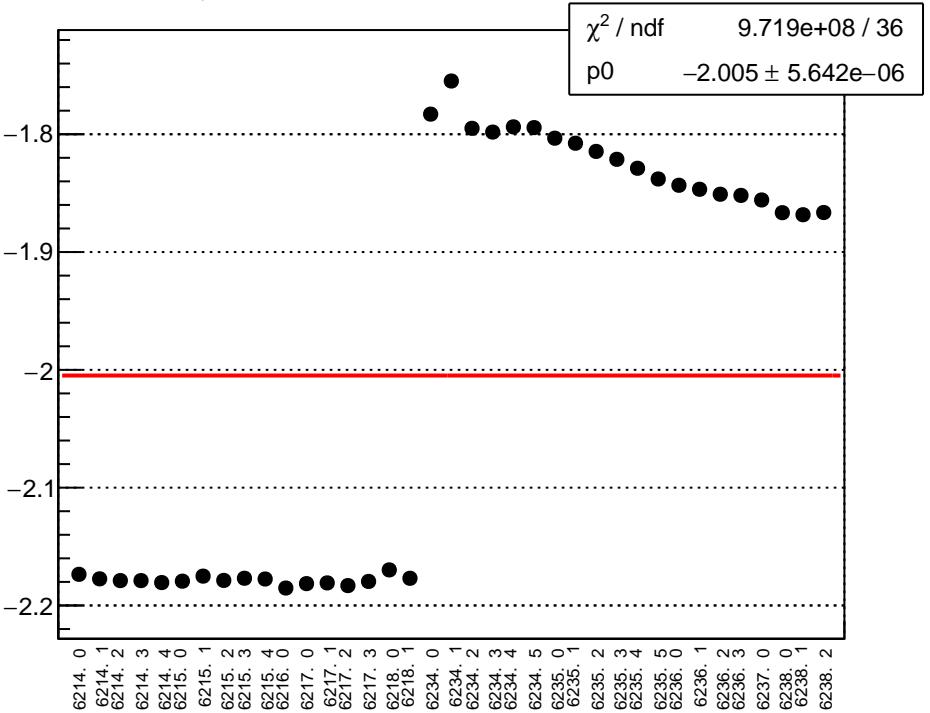
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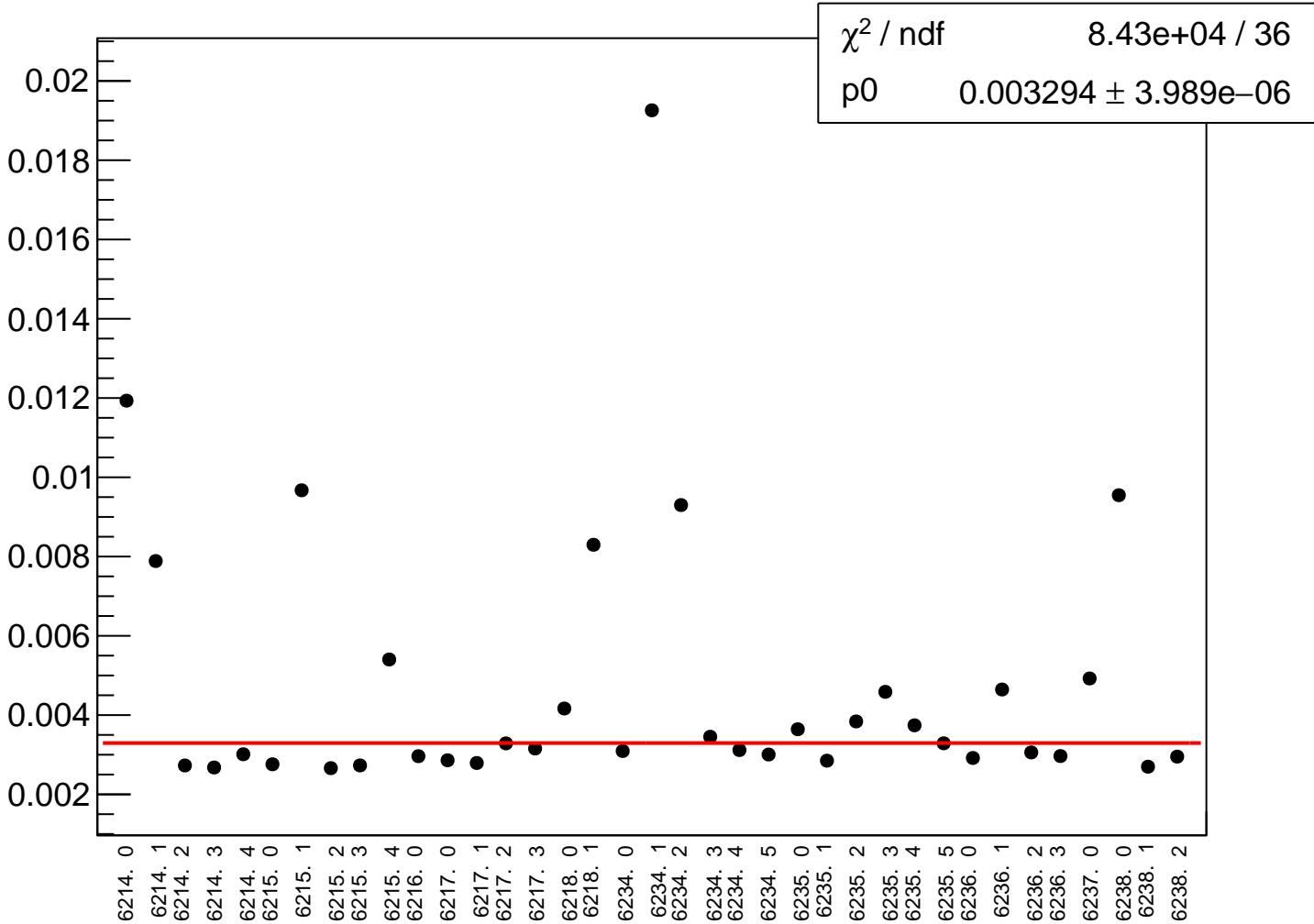
yield_bpm0i01X_rms vs run



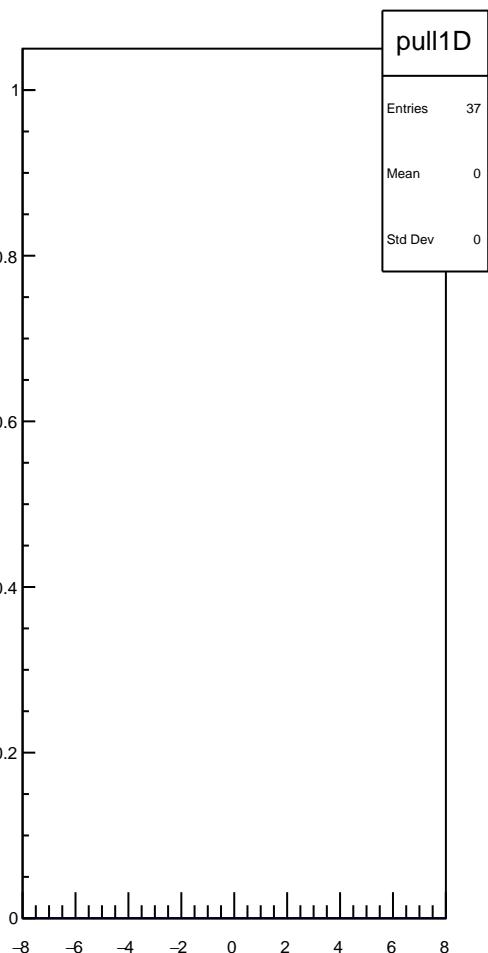
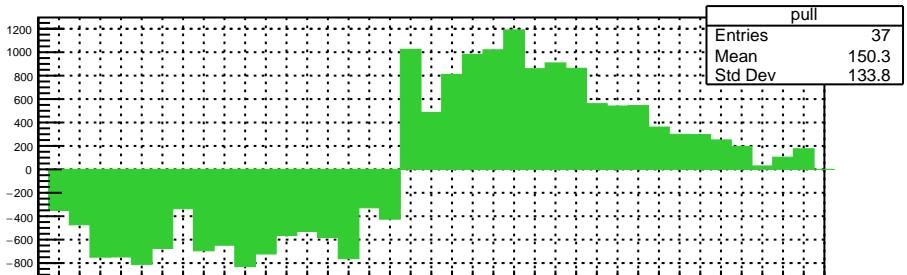
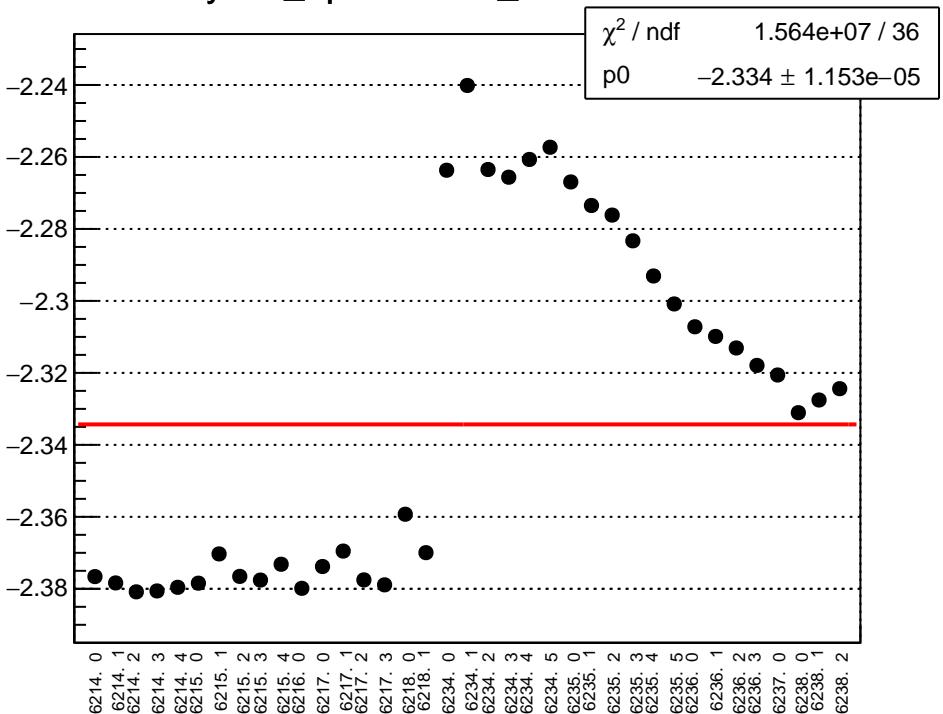
yield_bpm0i01Y_mean vs run



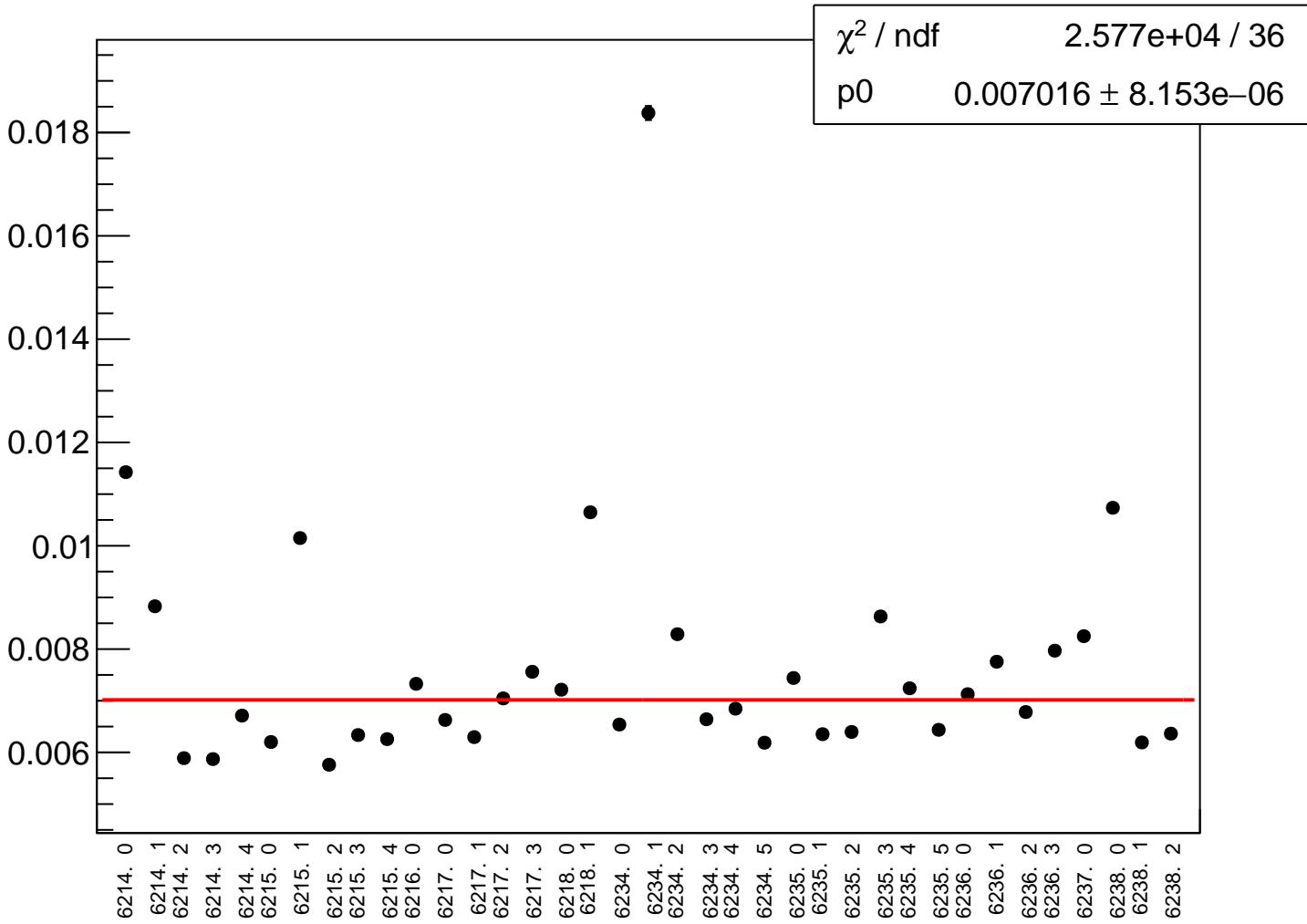
yield_bpm0i01Y_rms vs run



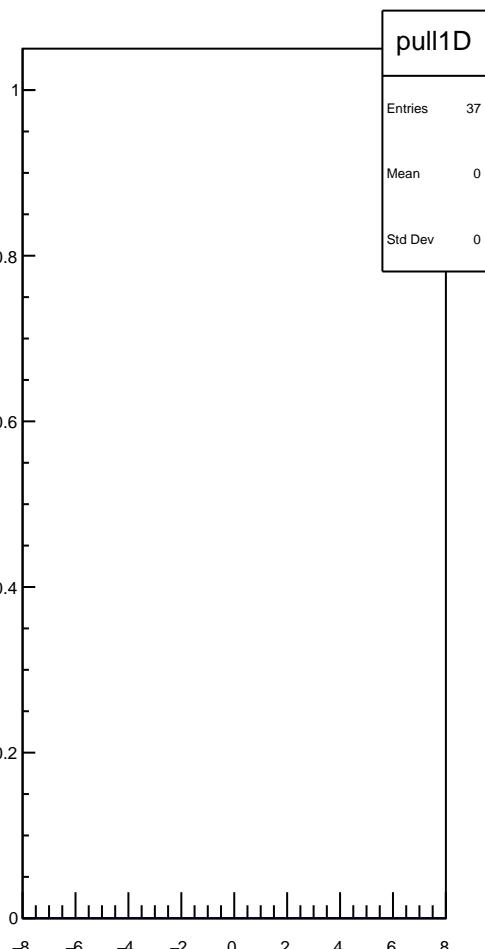
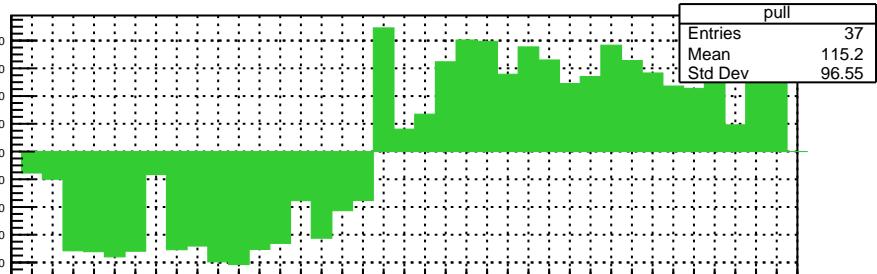
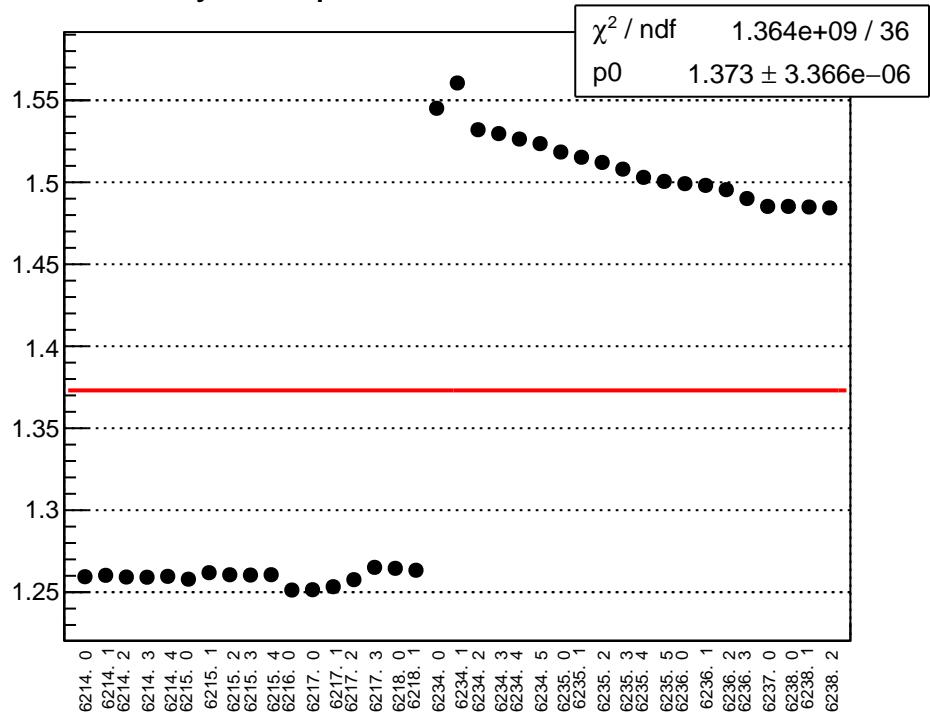
yield_bpm0i01aX_mean vs run



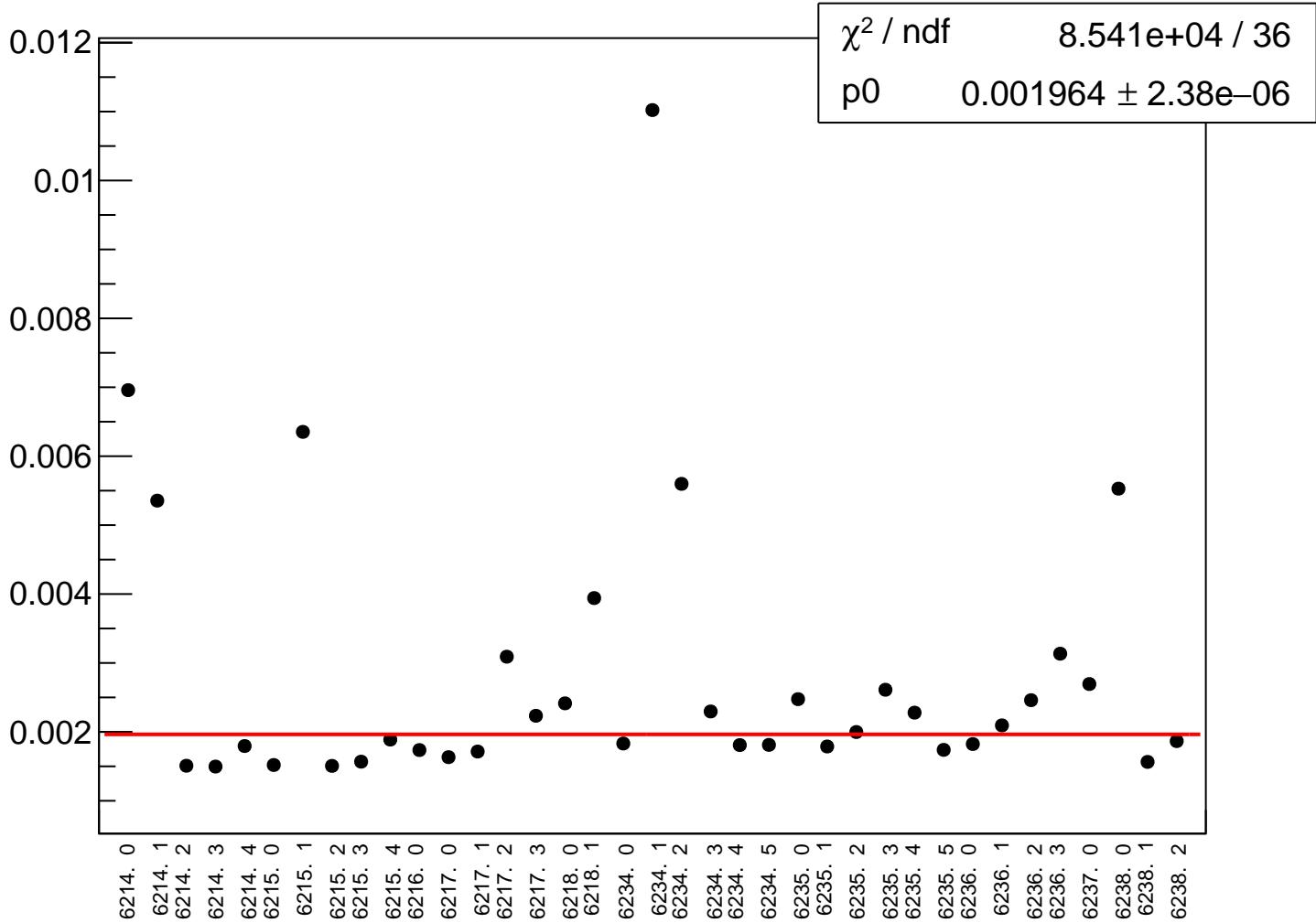
yield_bpm0i01aX_rms vs run



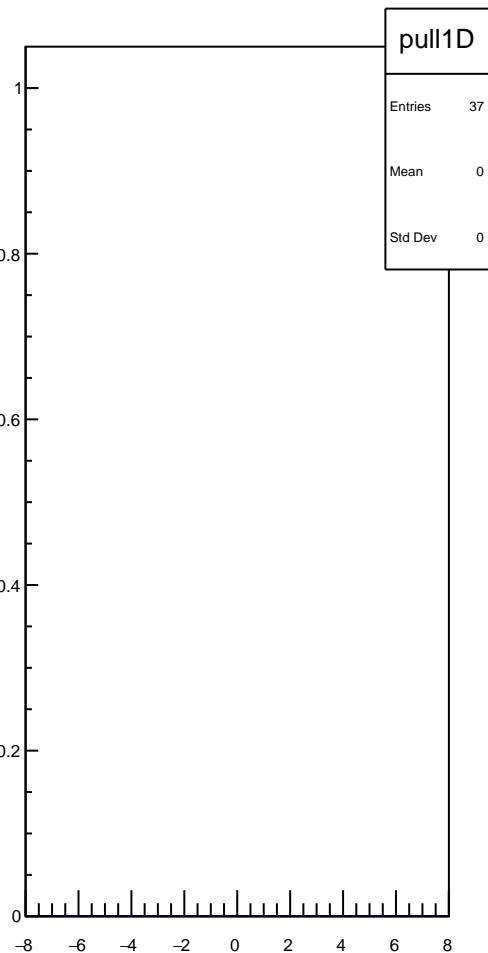
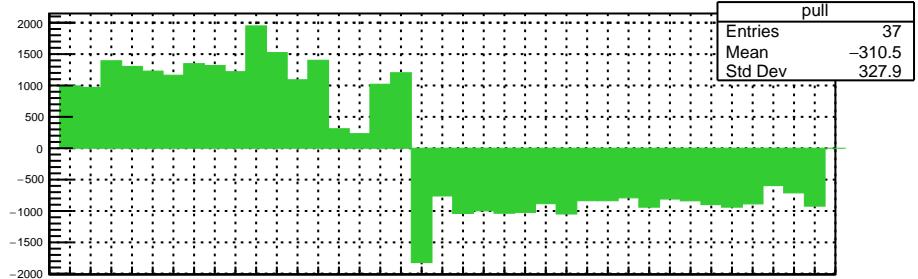
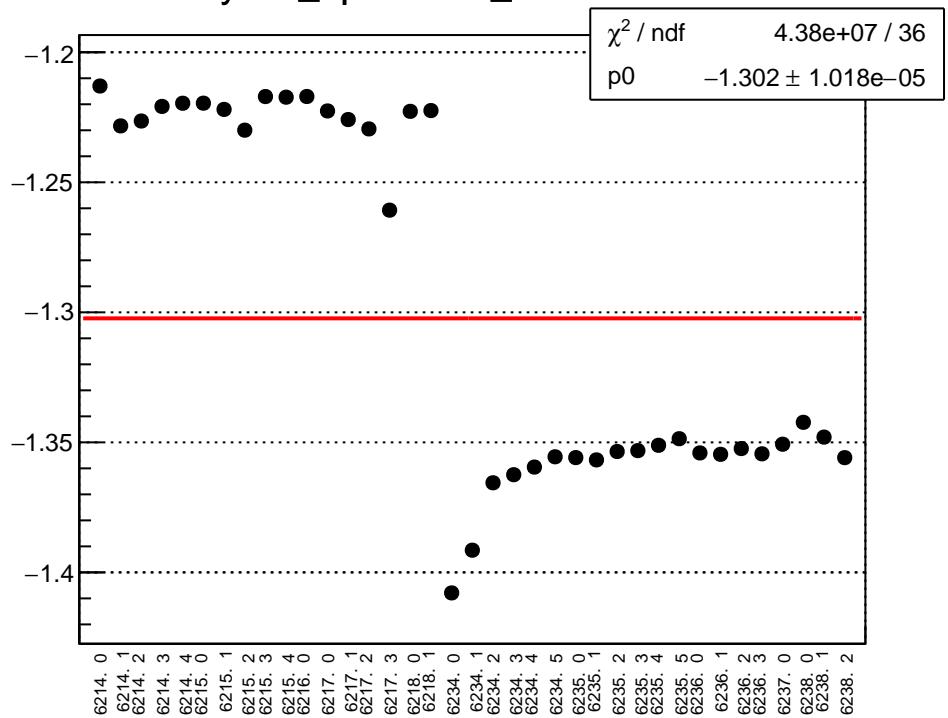
yield_bpm0i01aY_mean vs run



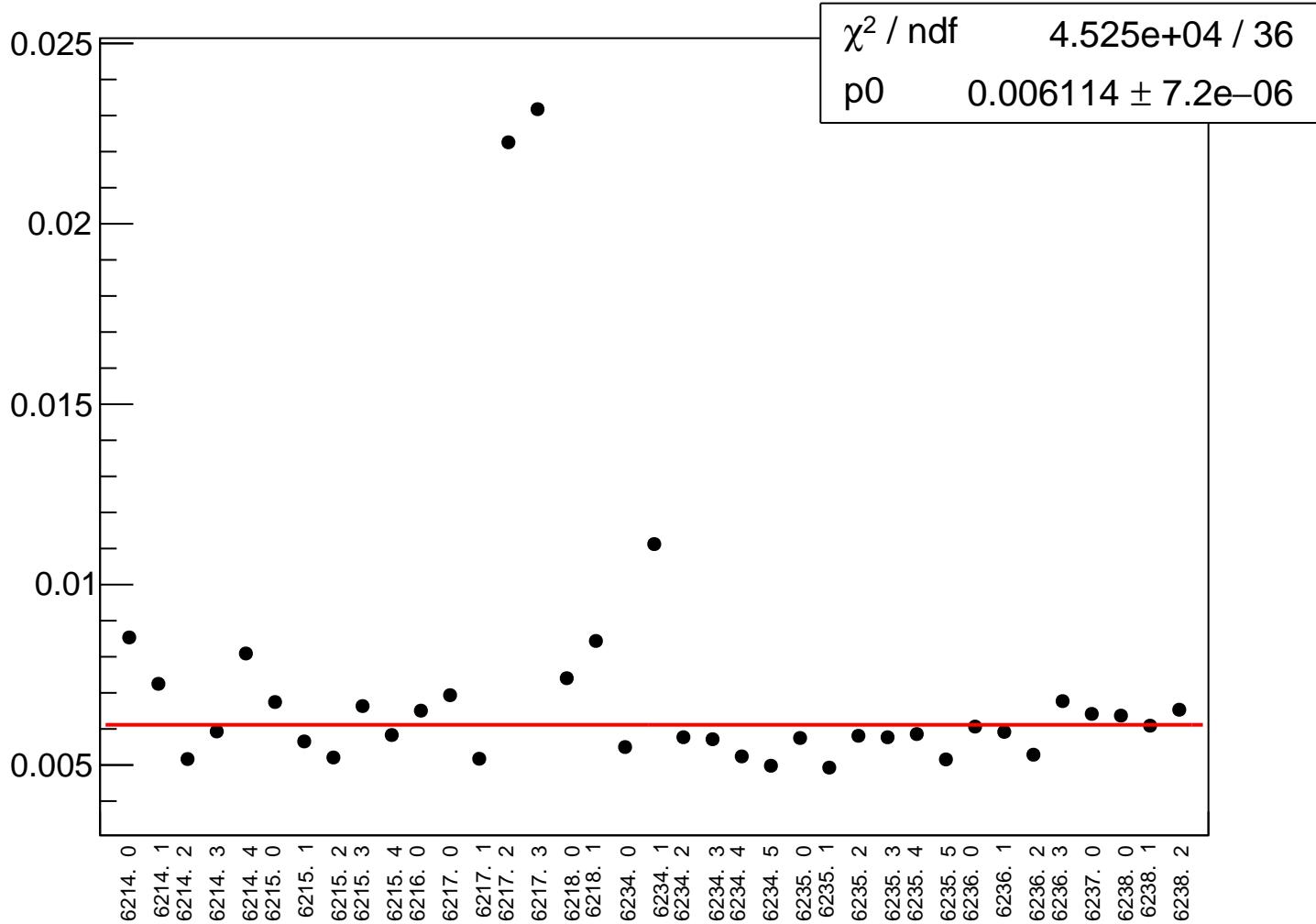
yield_bpm0i01aY_rms vs run



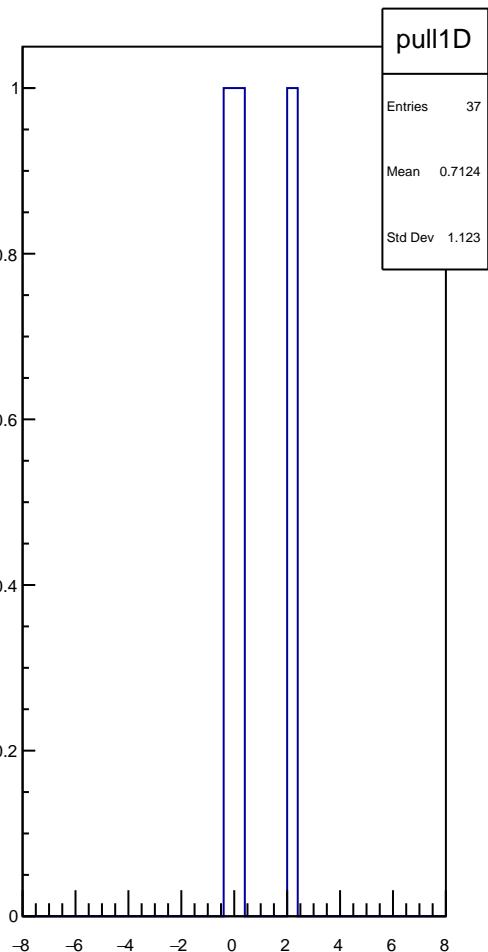
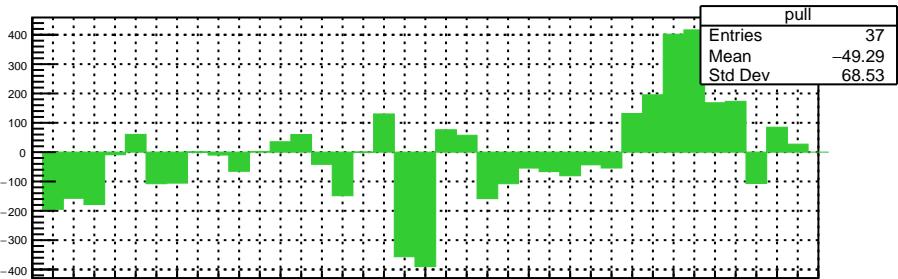
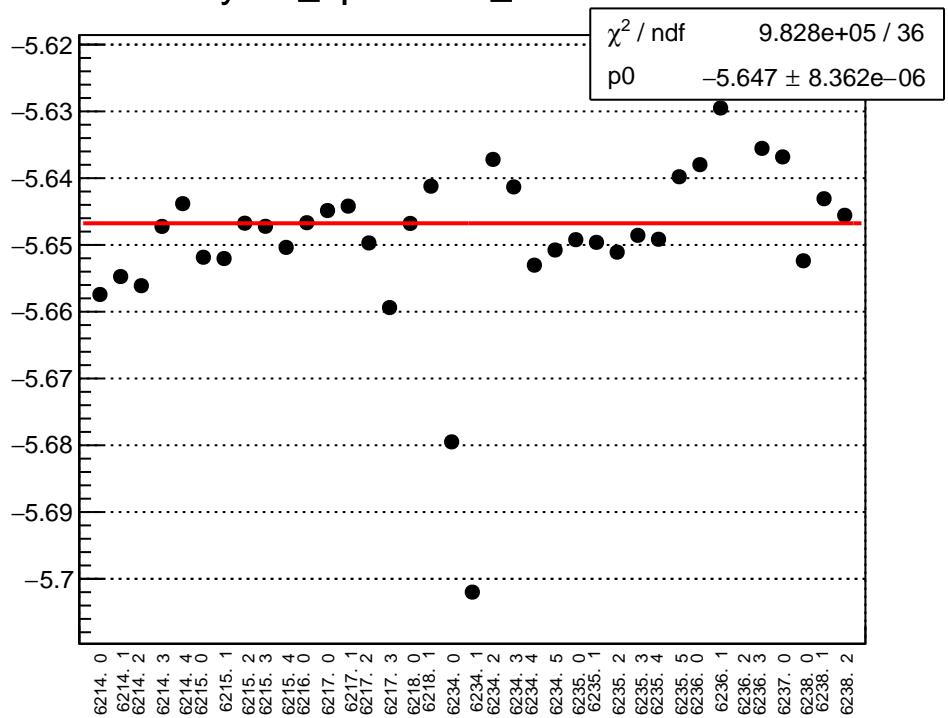
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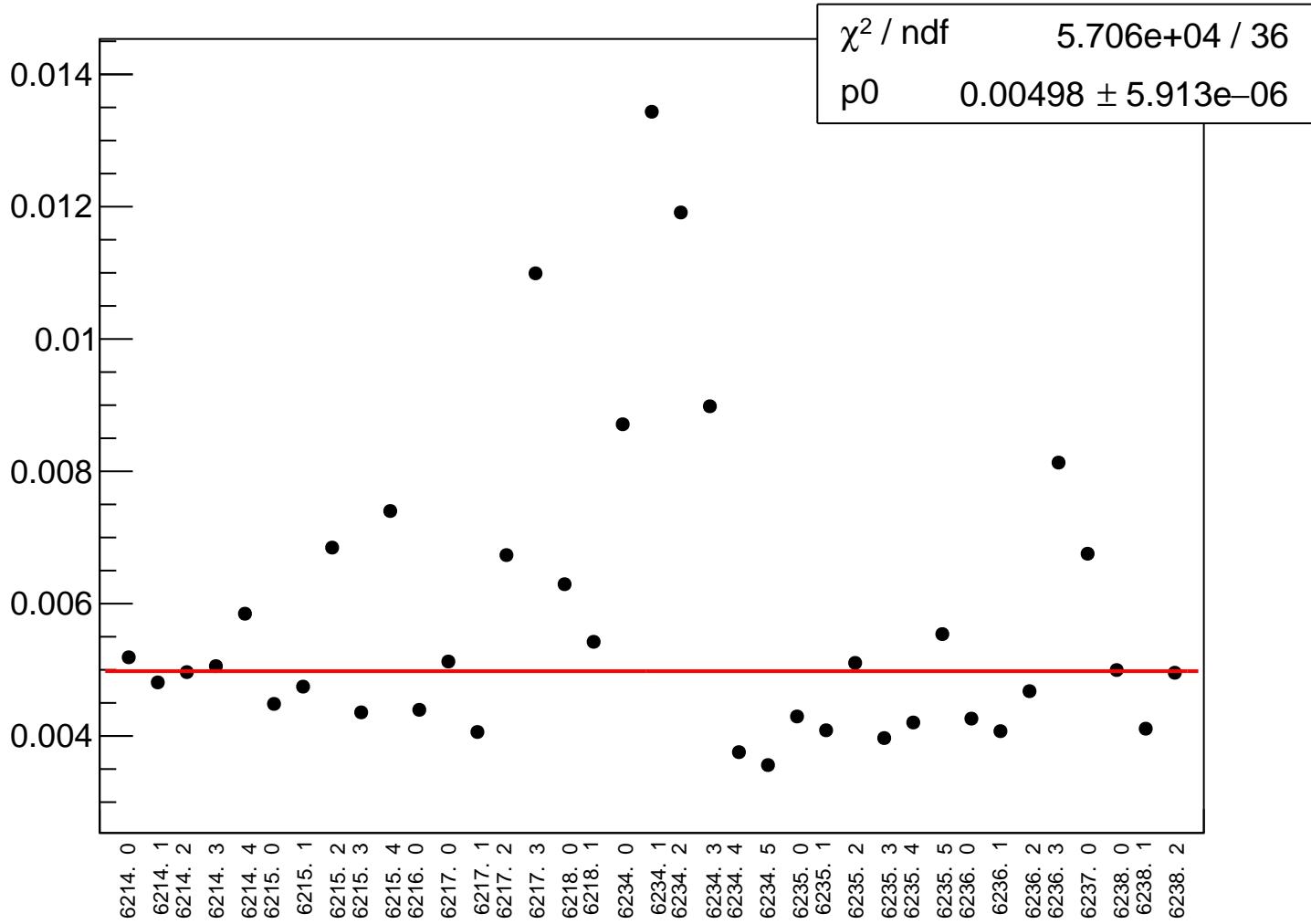
yield_bpm0l01X_rms vs run



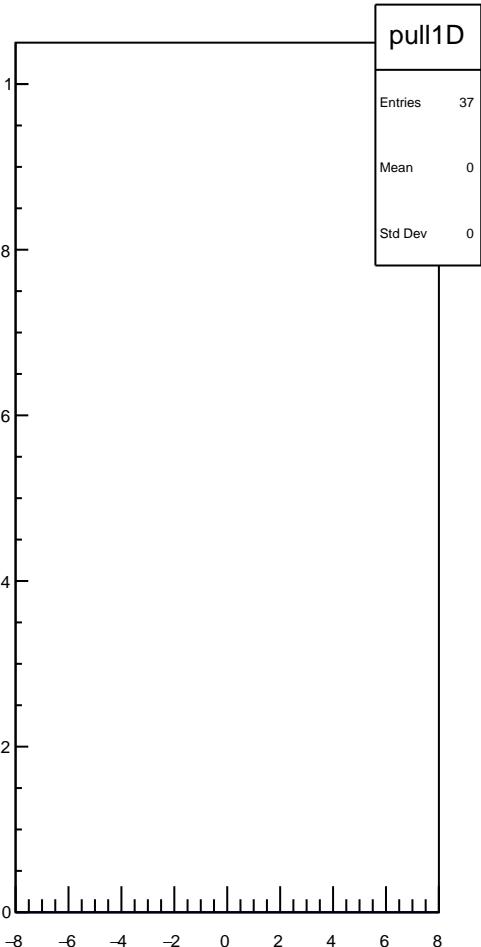
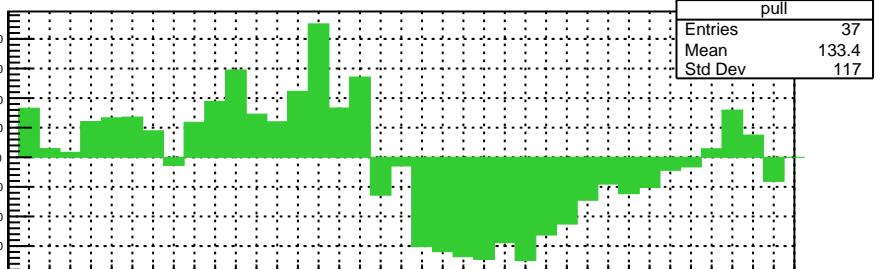
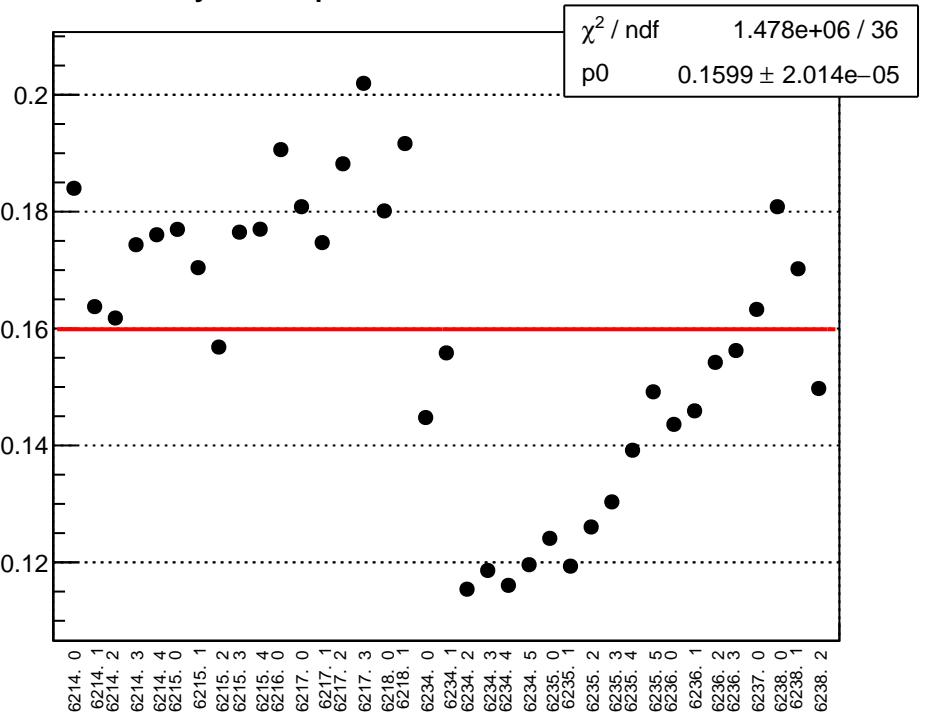
yield_bpm0I01Y_mean vs run



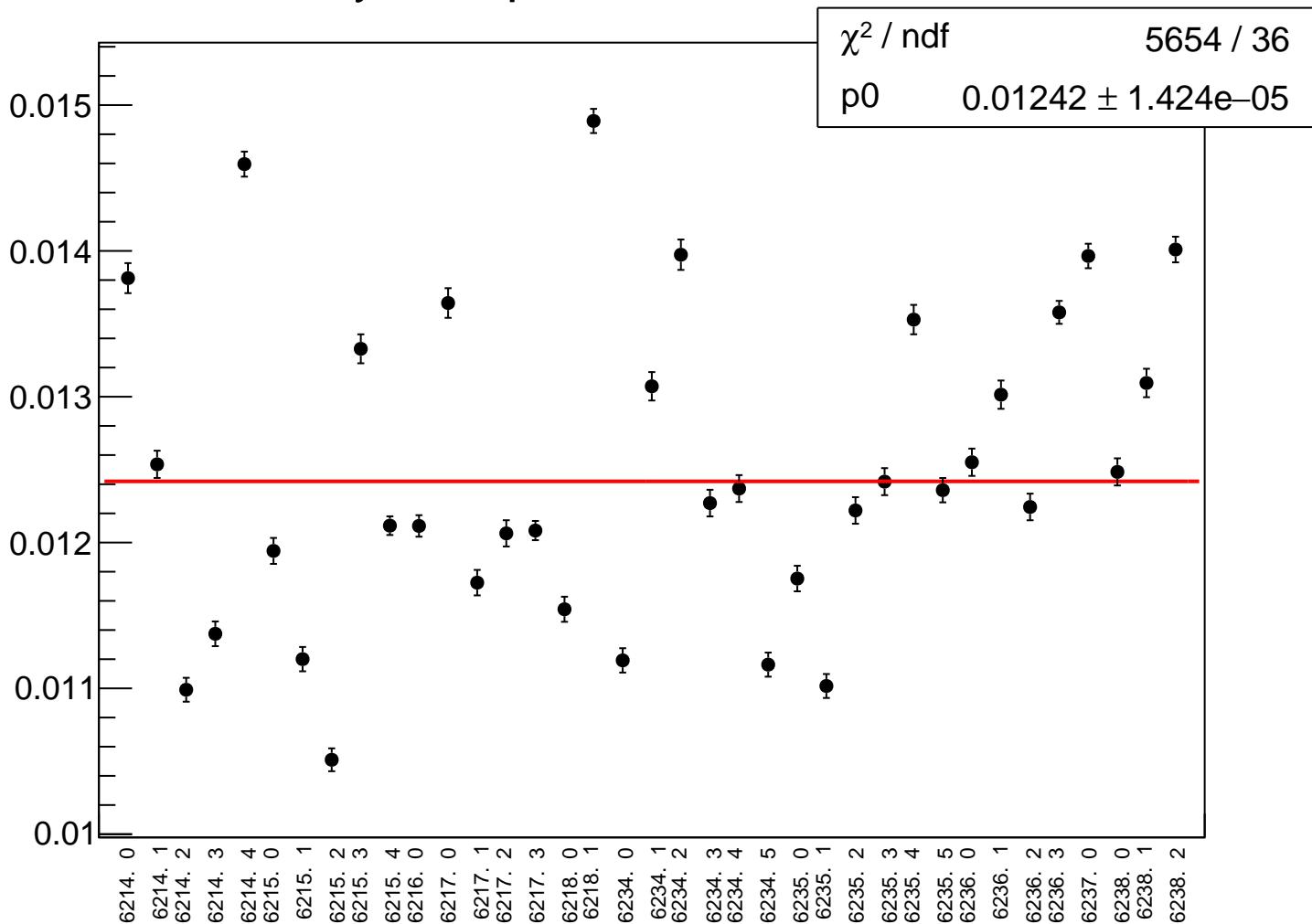
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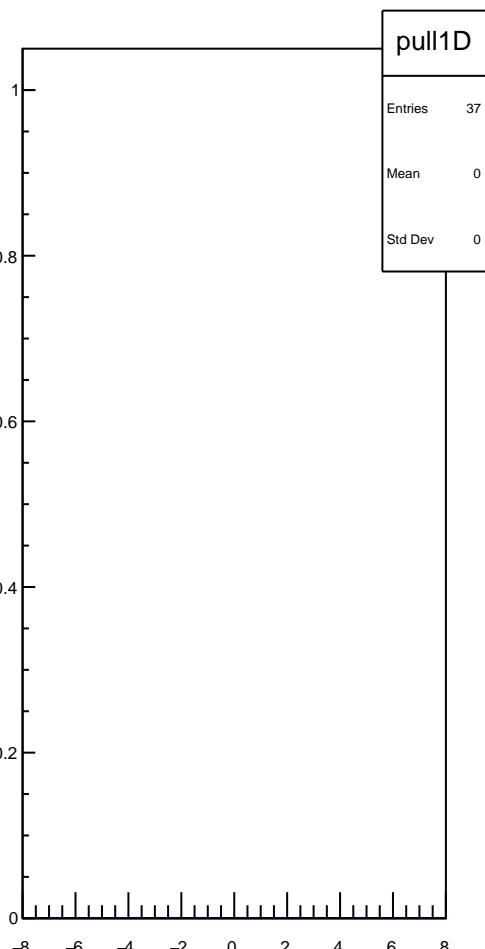
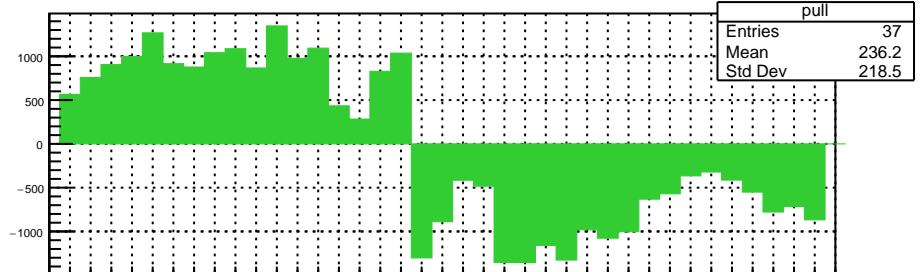
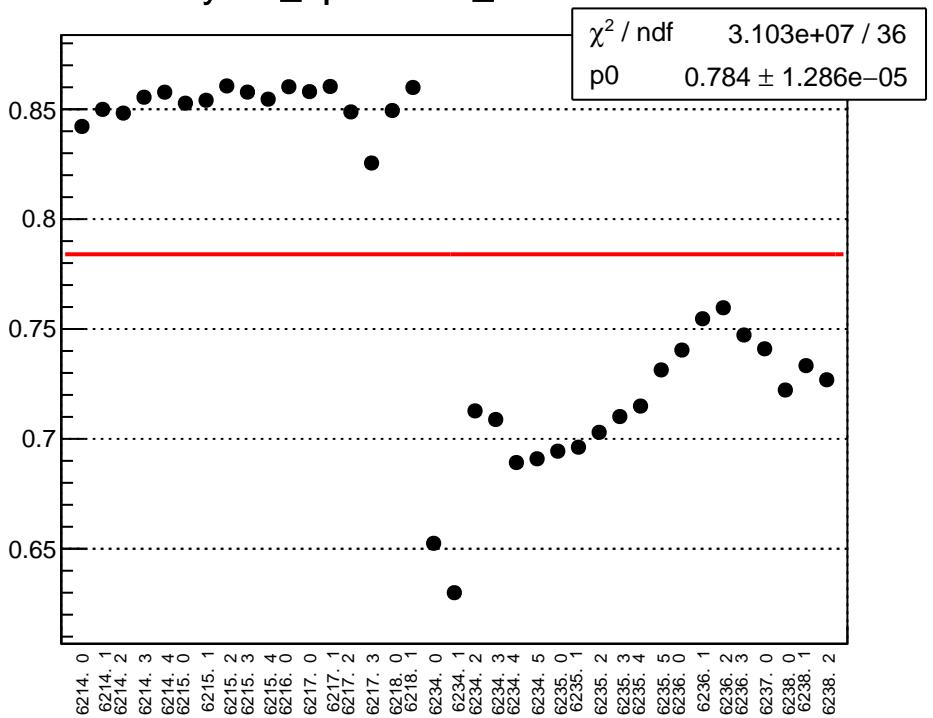
yield_bpm0l02X_mean vs run



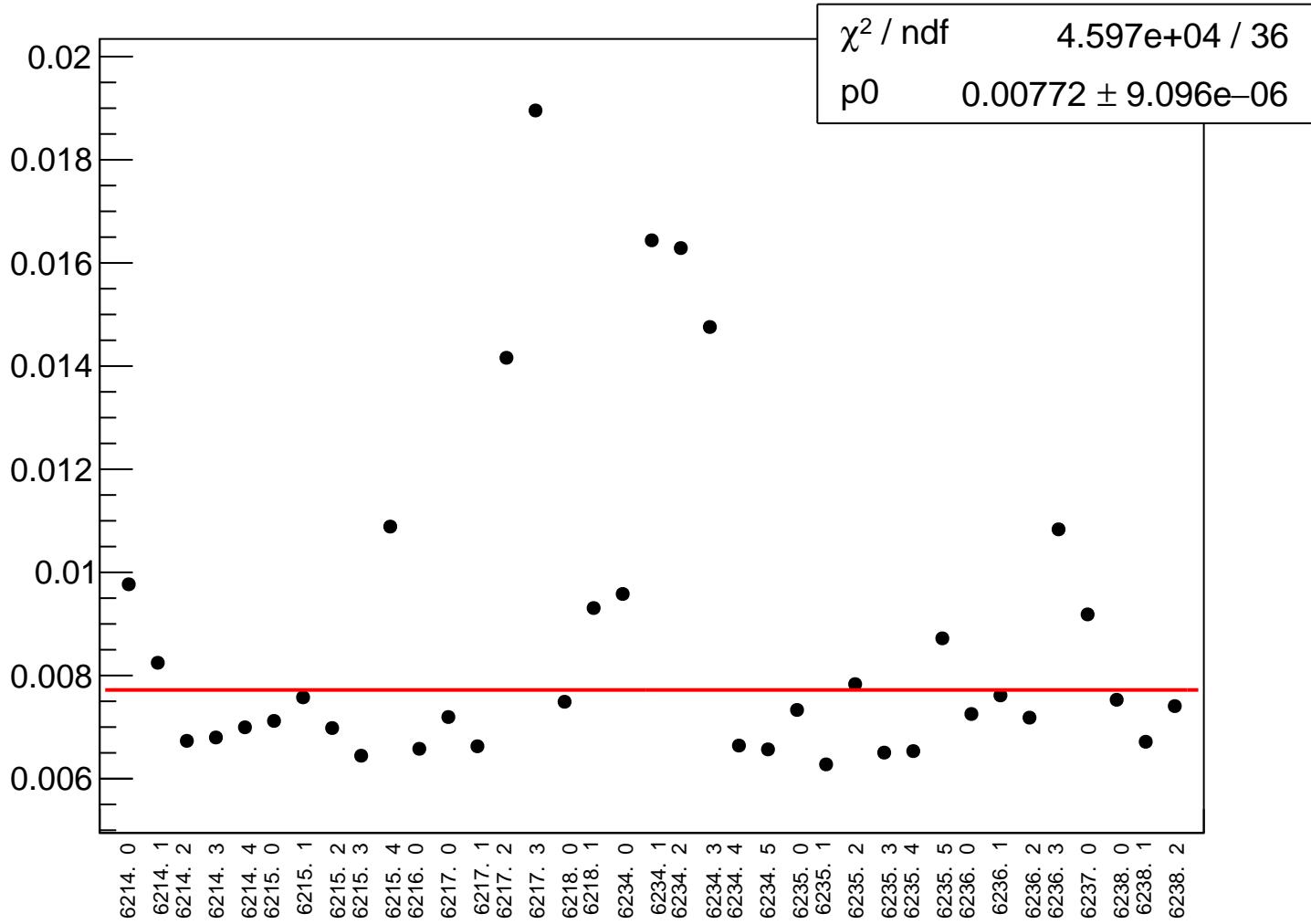
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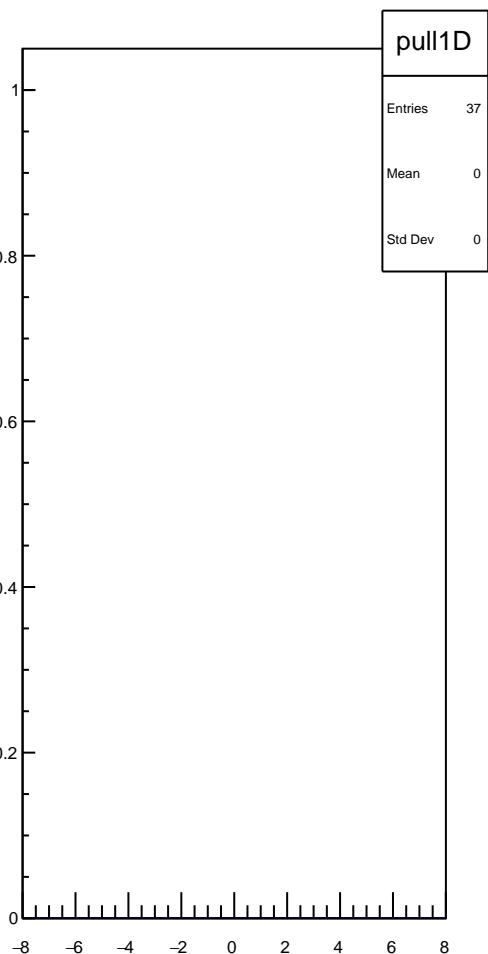
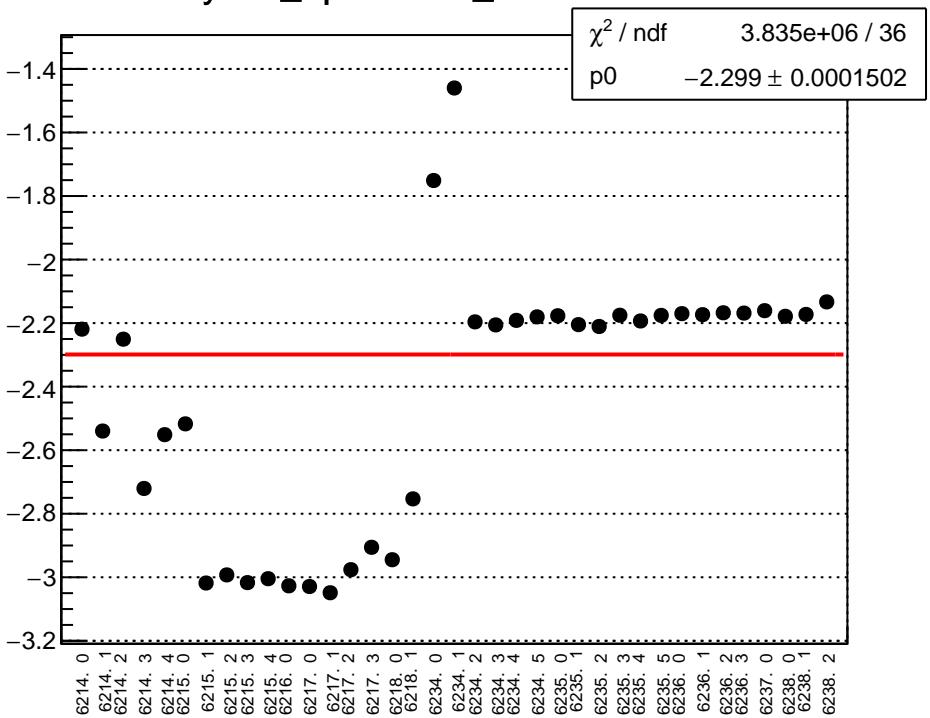
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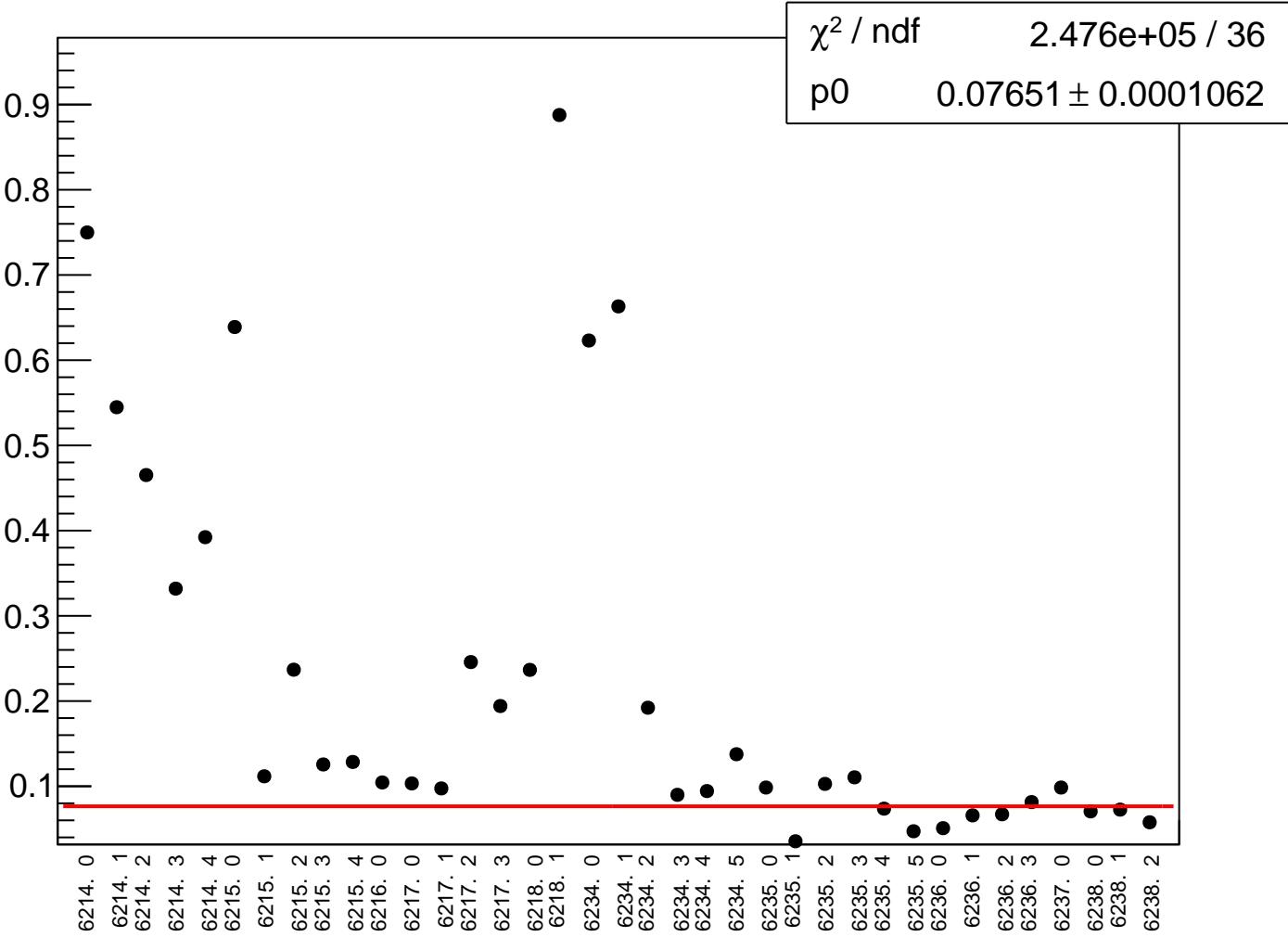
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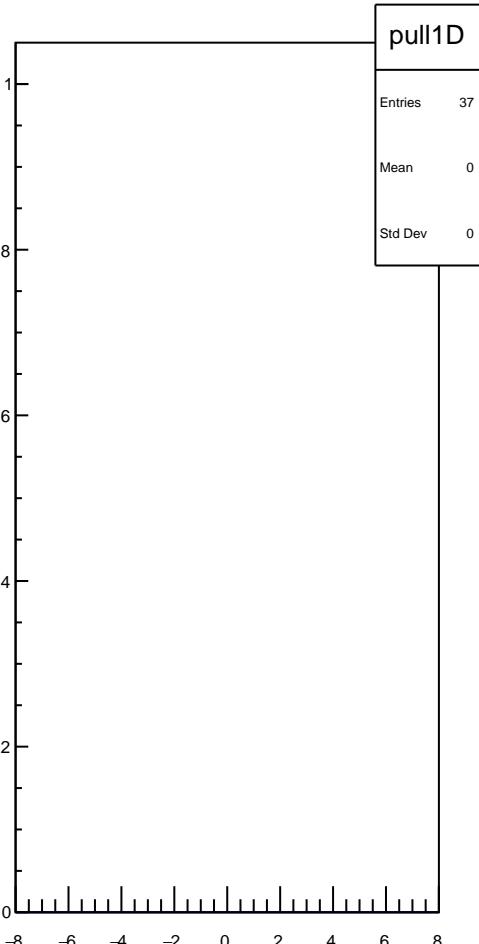
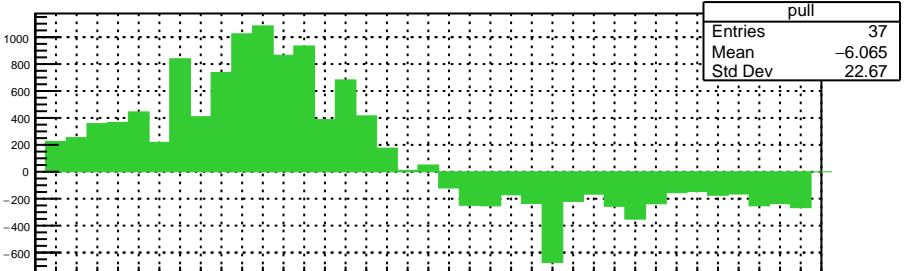
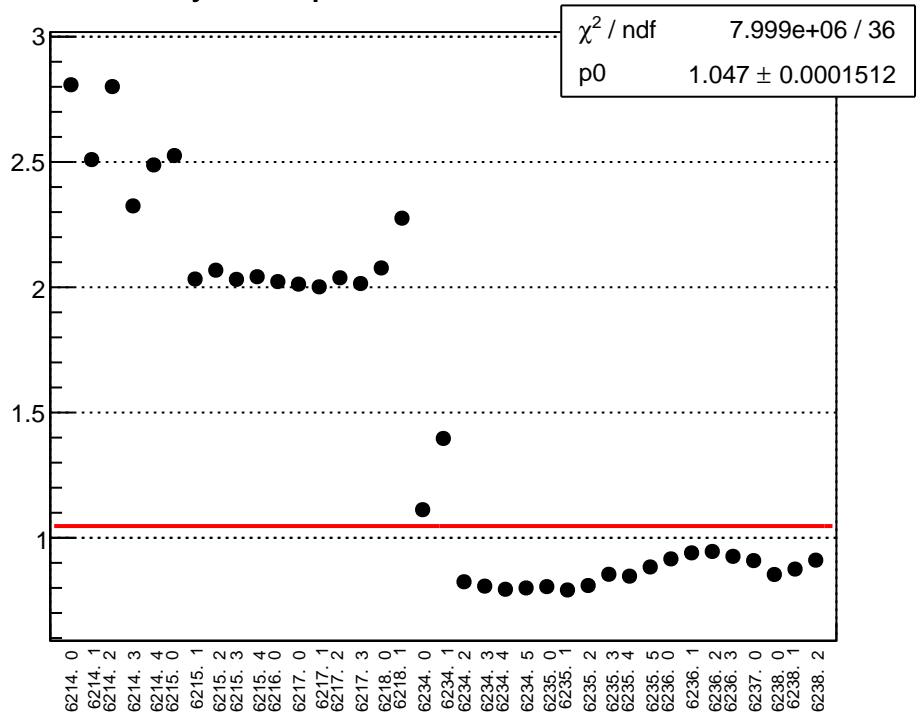
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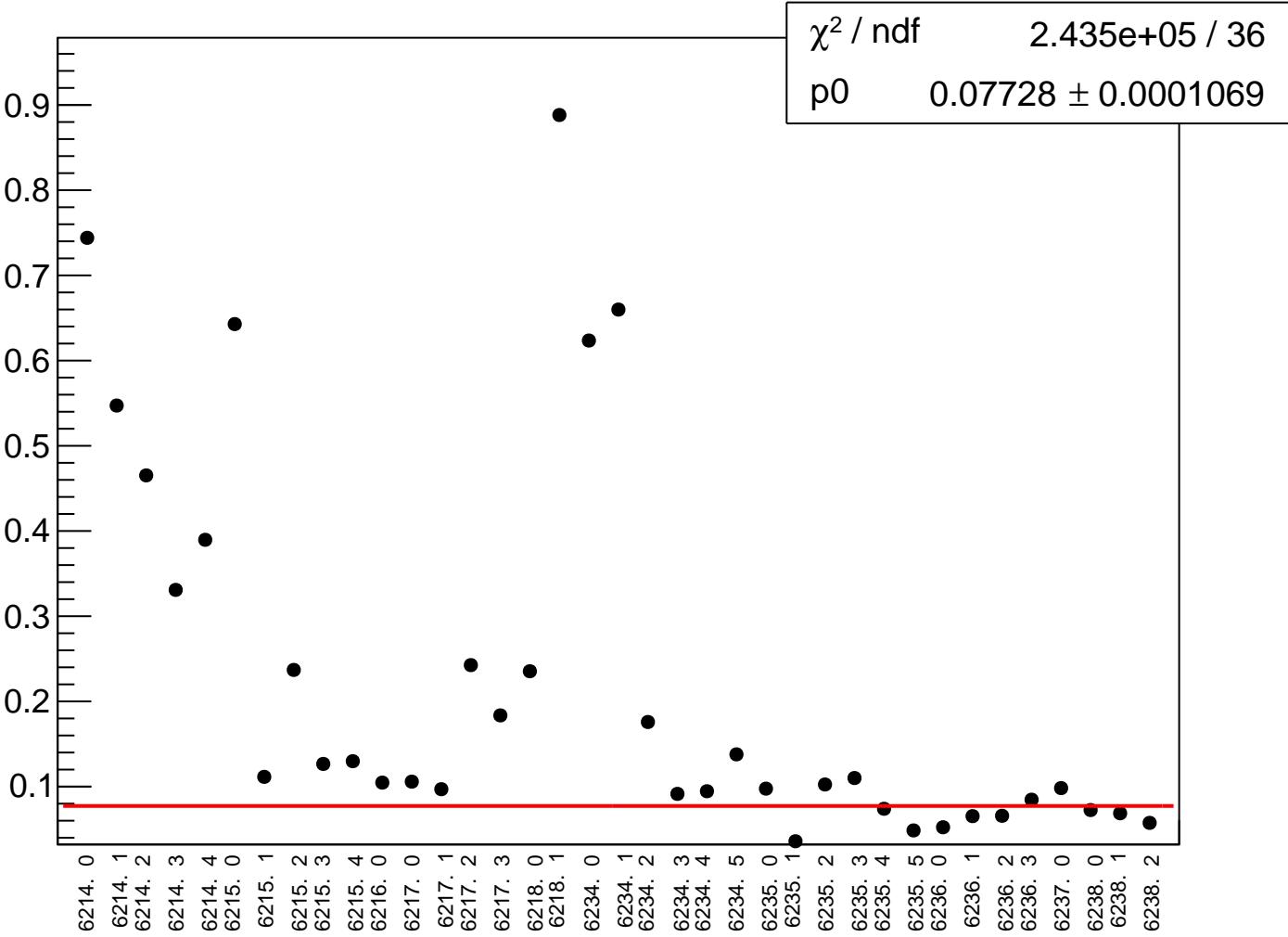
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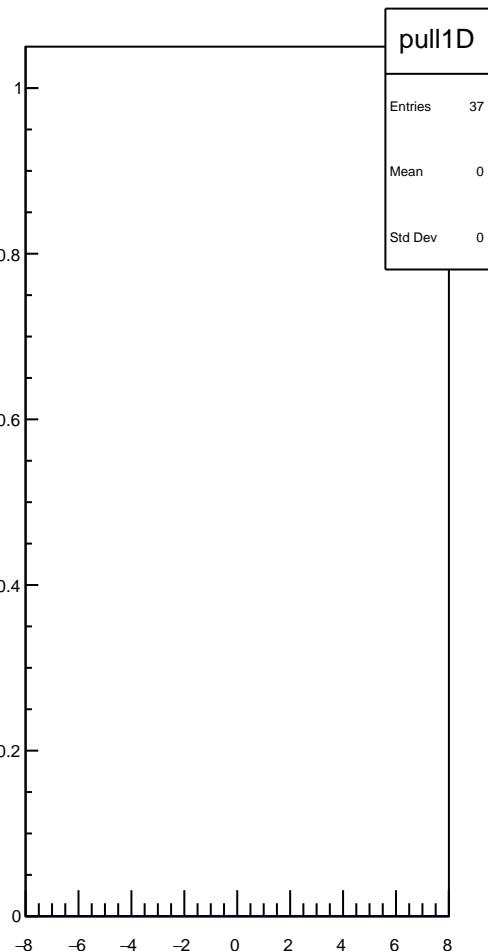
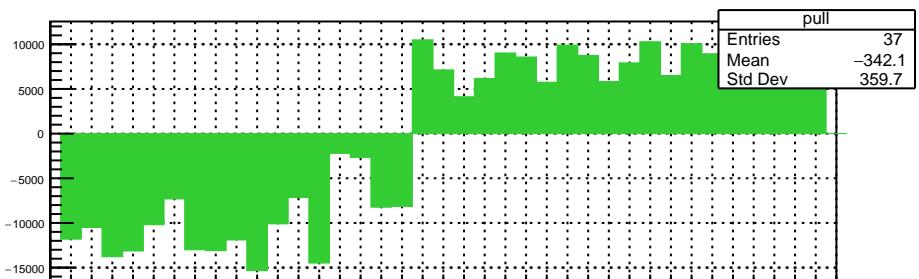
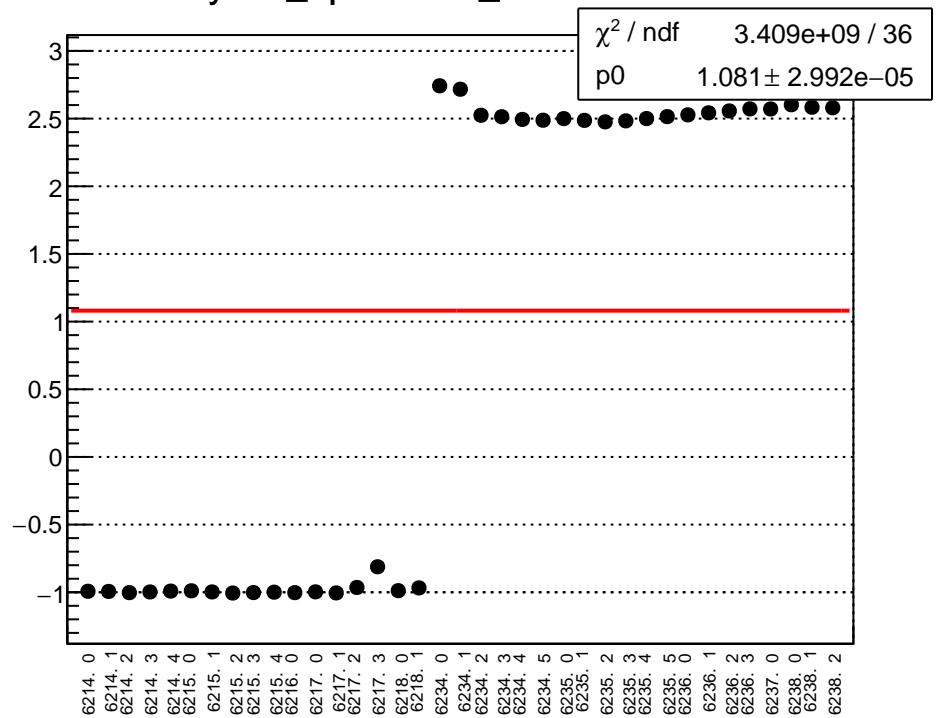
yield_bpm0I03Y_mean vs run



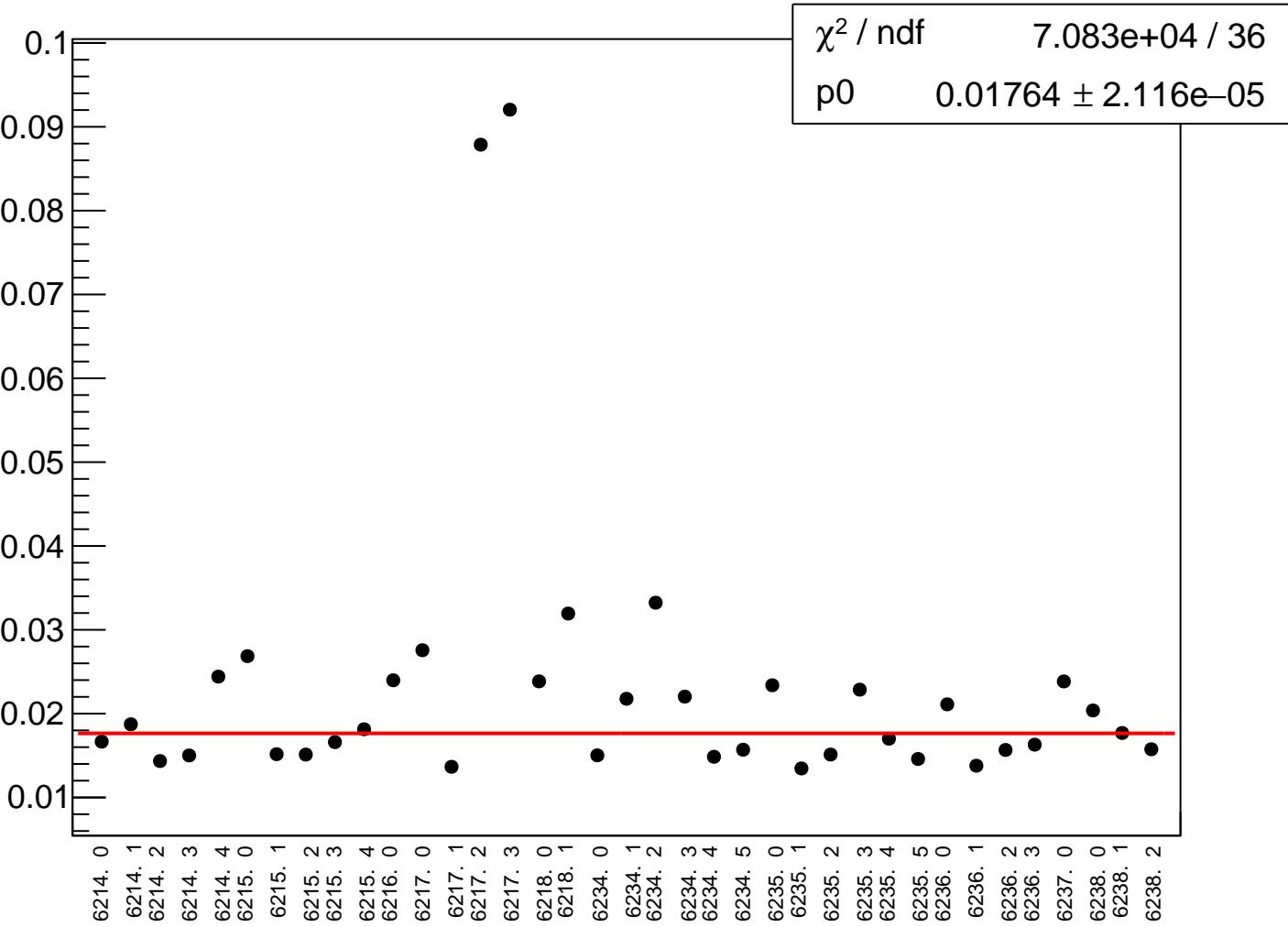
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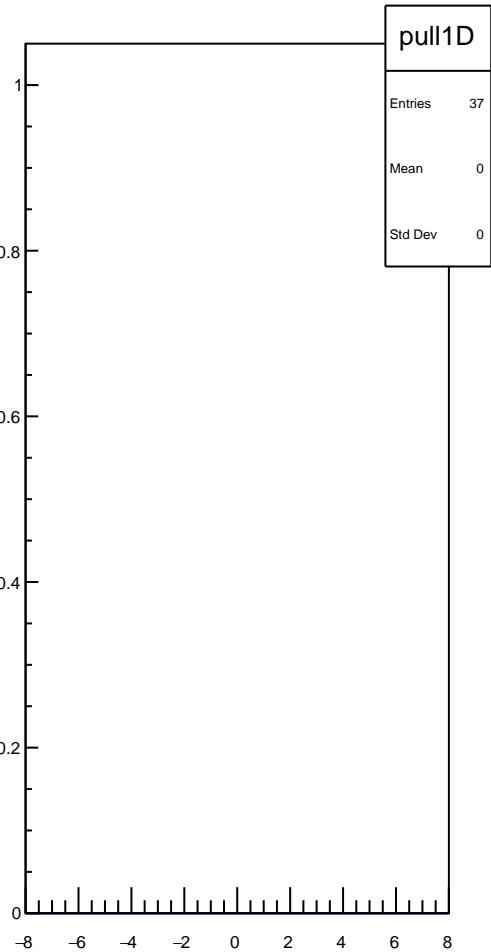
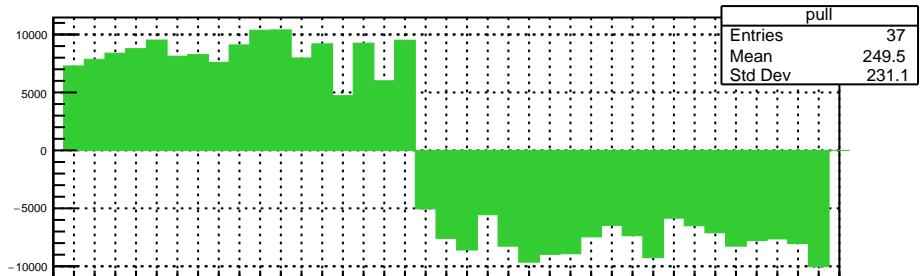
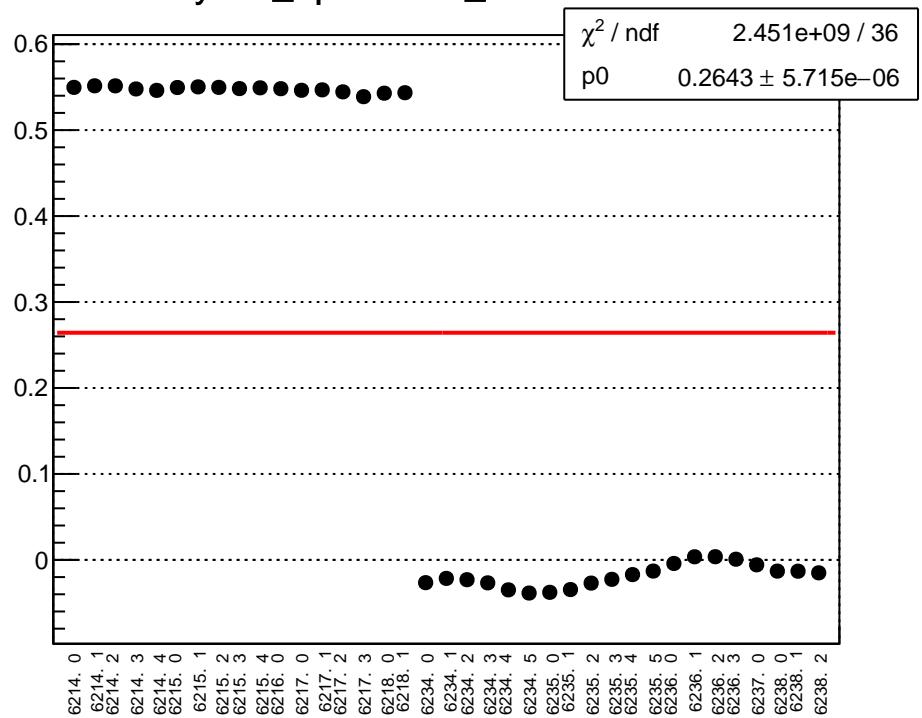
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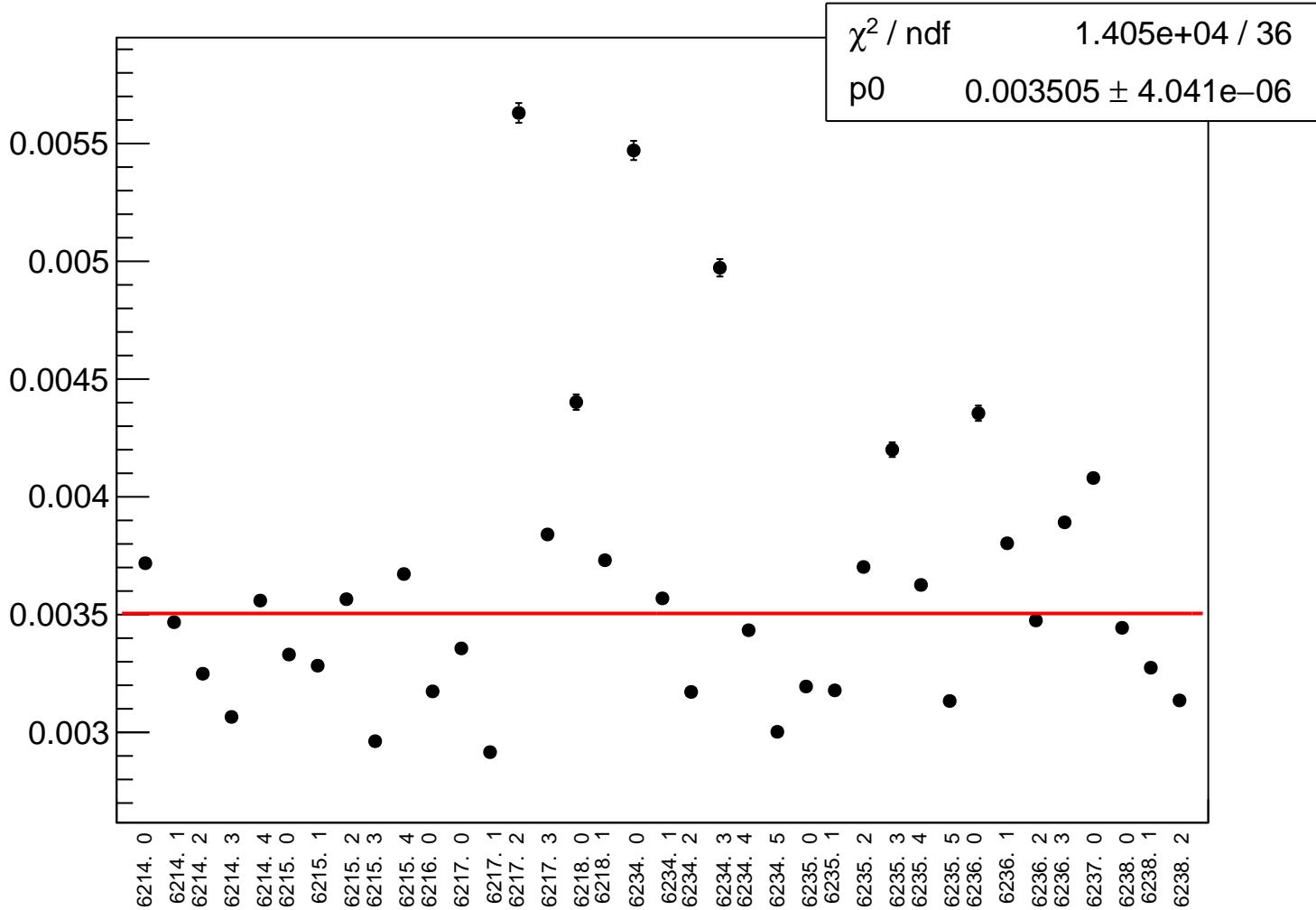
yield_bpm0l04X_rms vs run



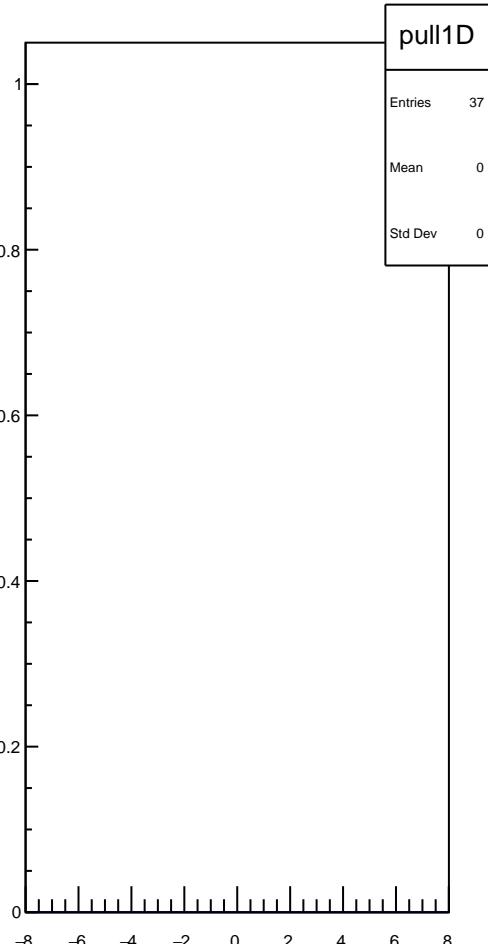
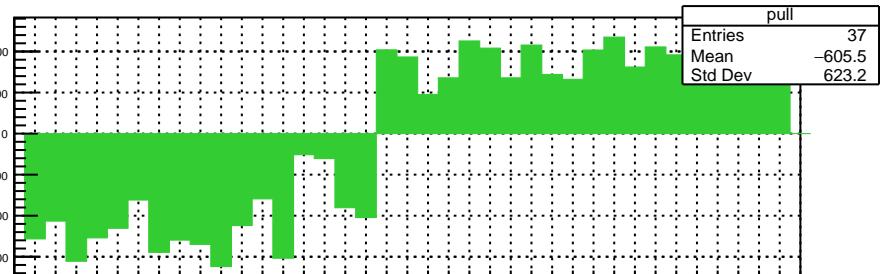
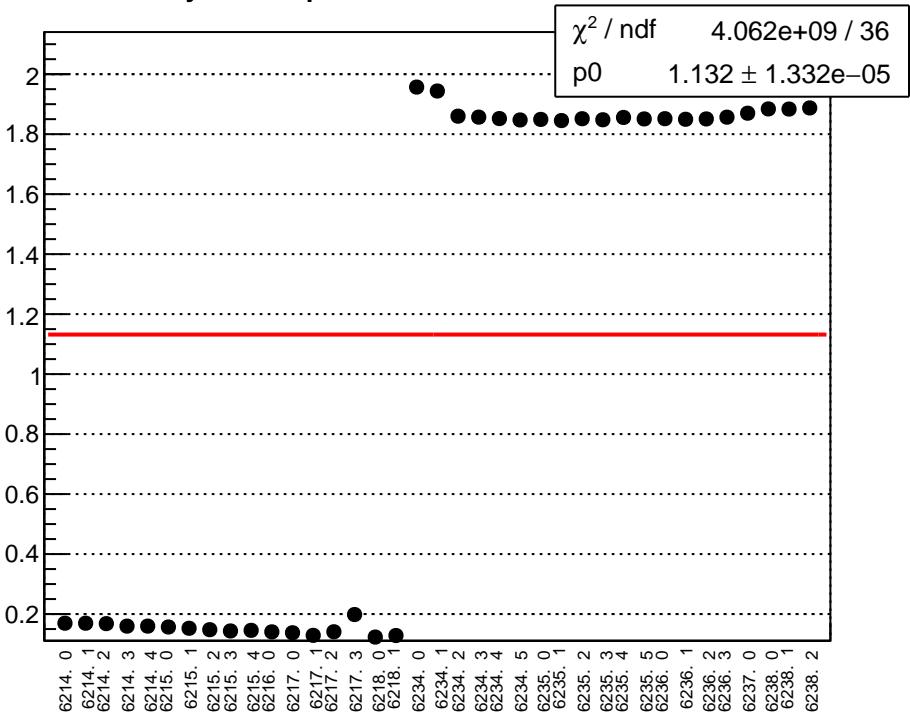
yield_bpm0I04Y_mean vs run



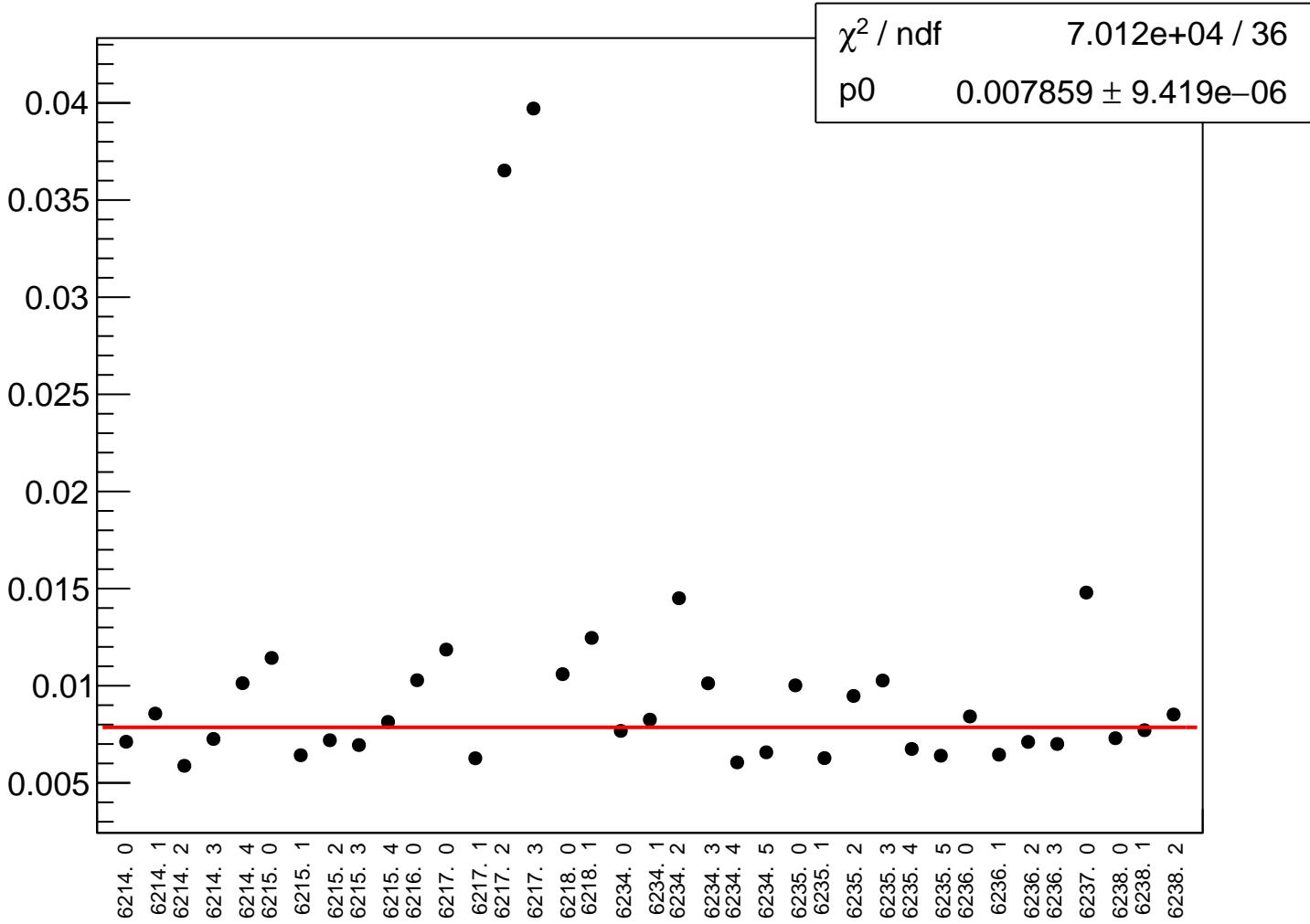
yield_bpm0l04Y_rms vs run



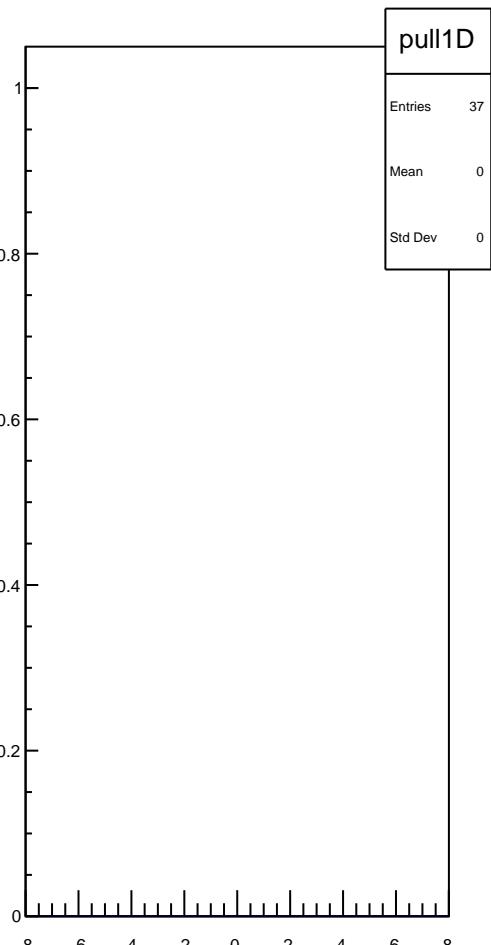
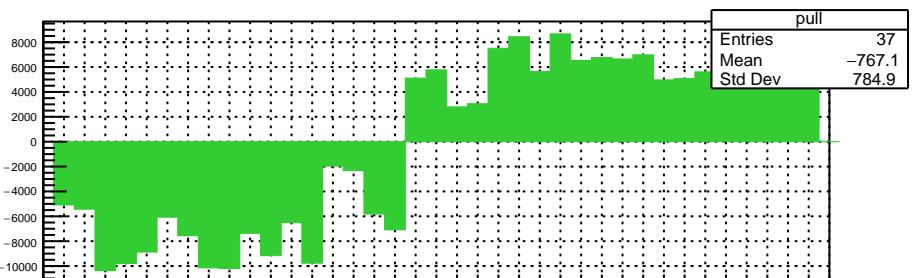
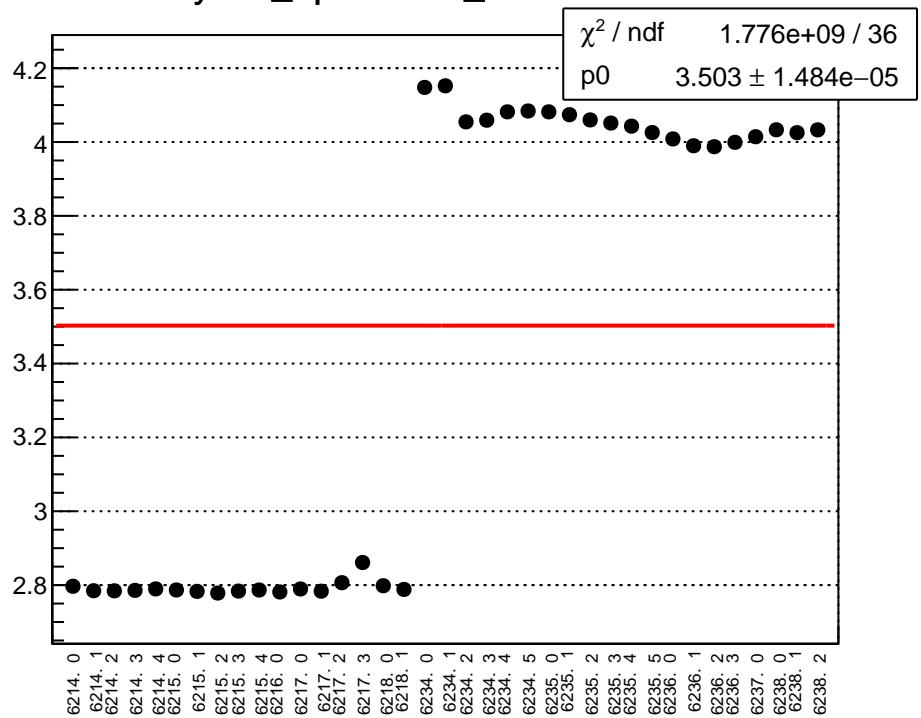
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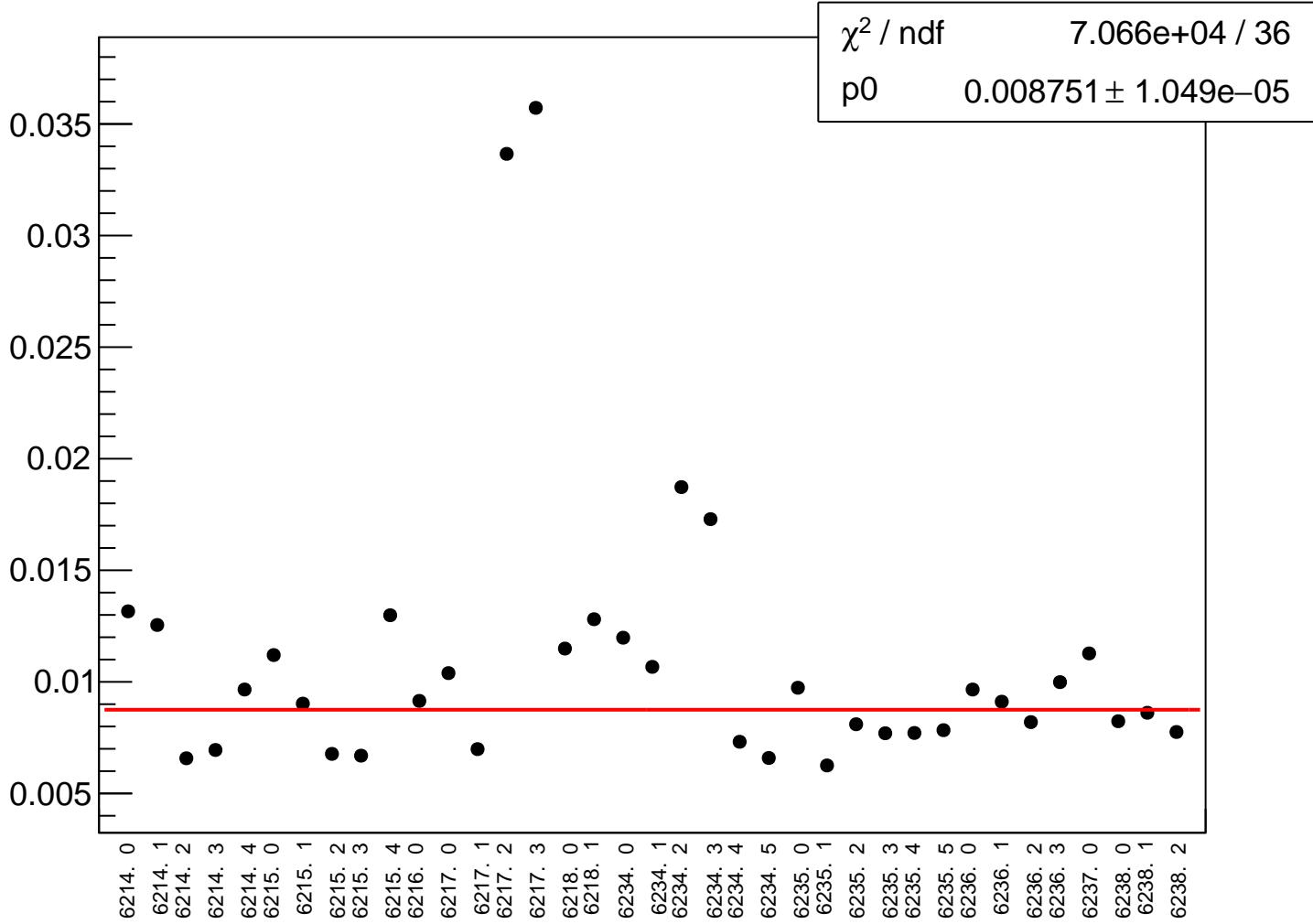
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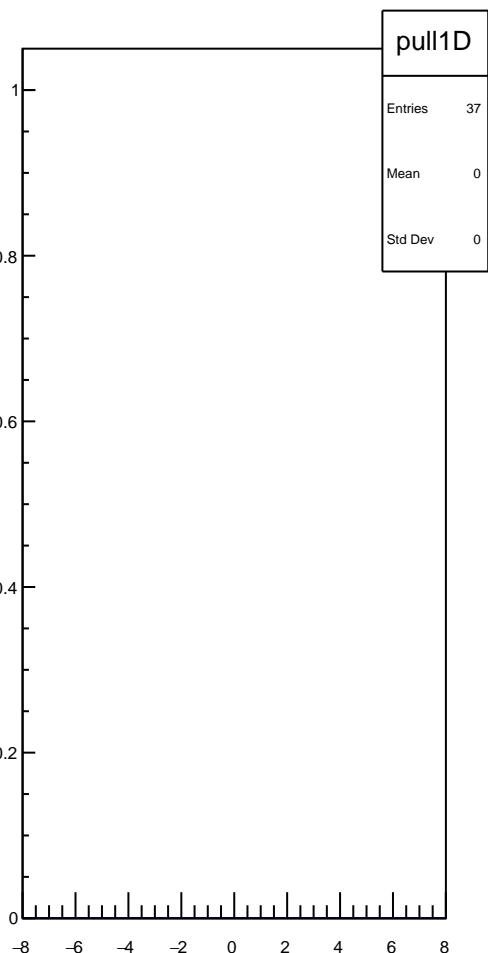
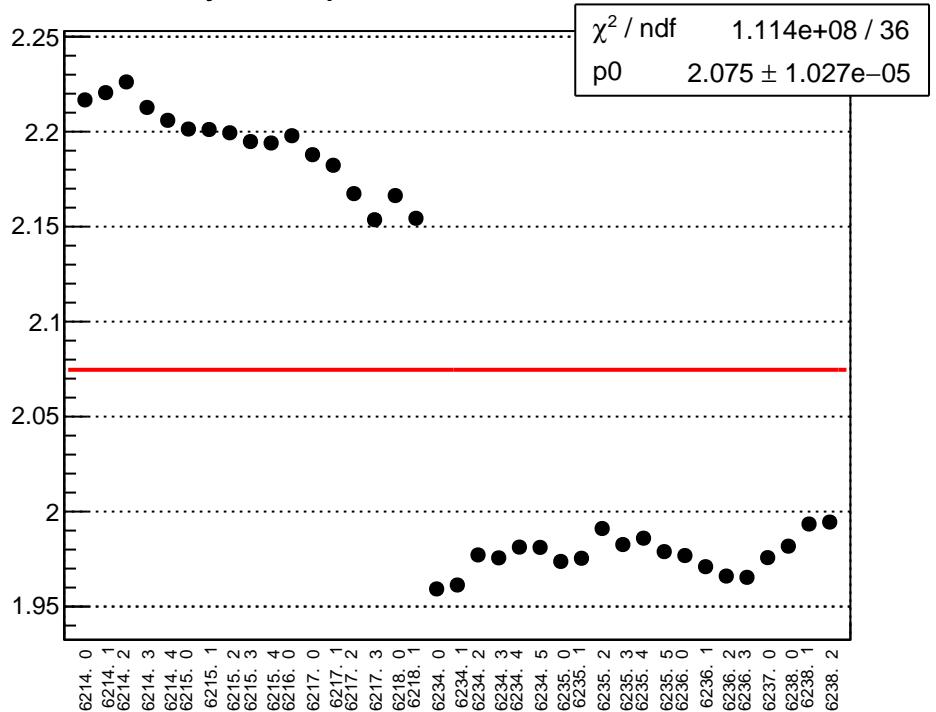
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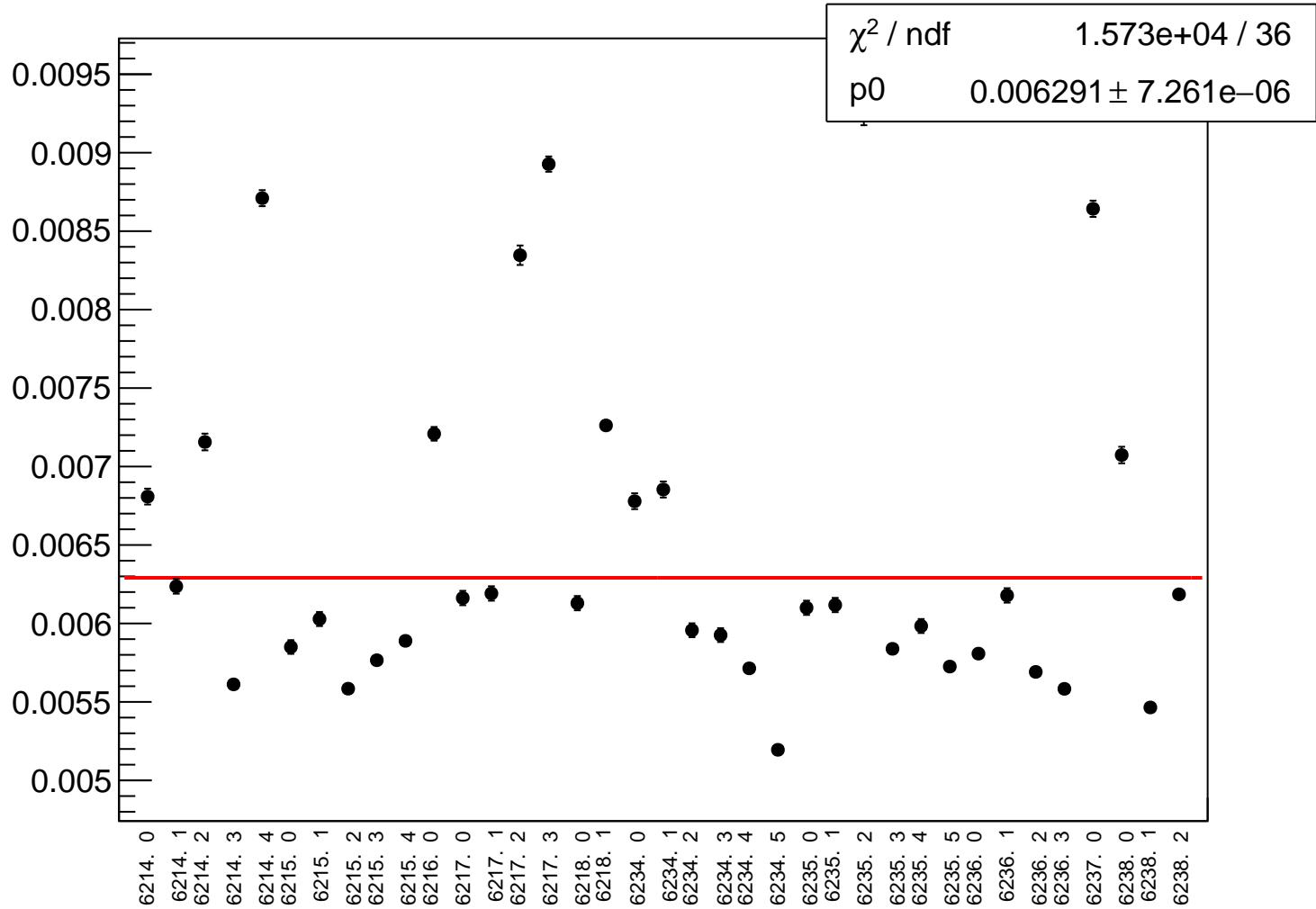
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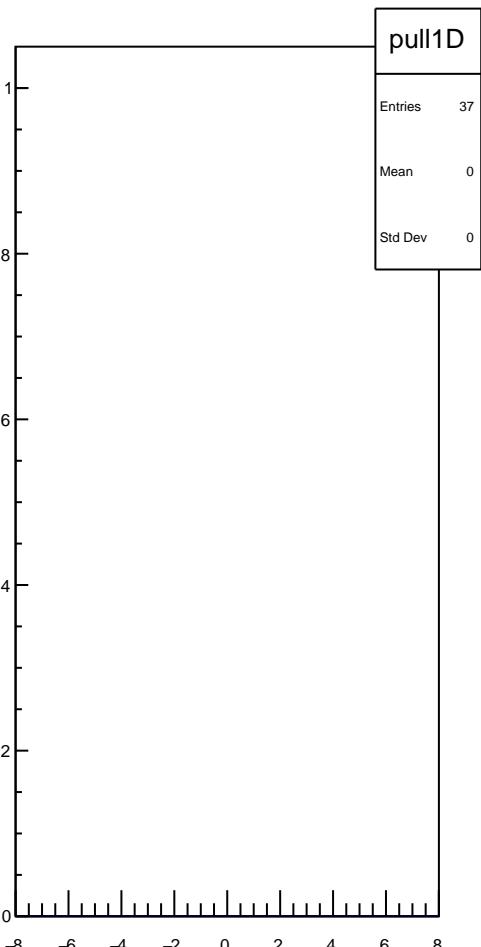
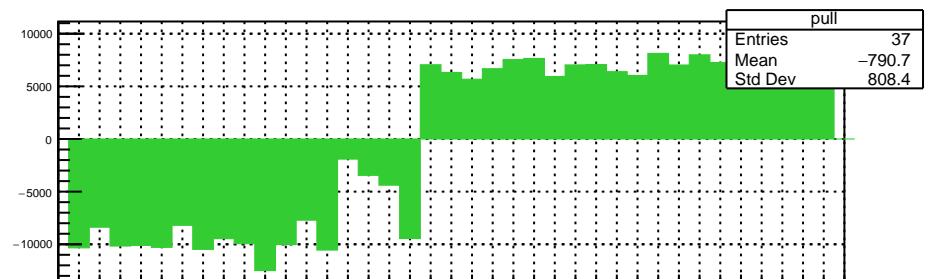
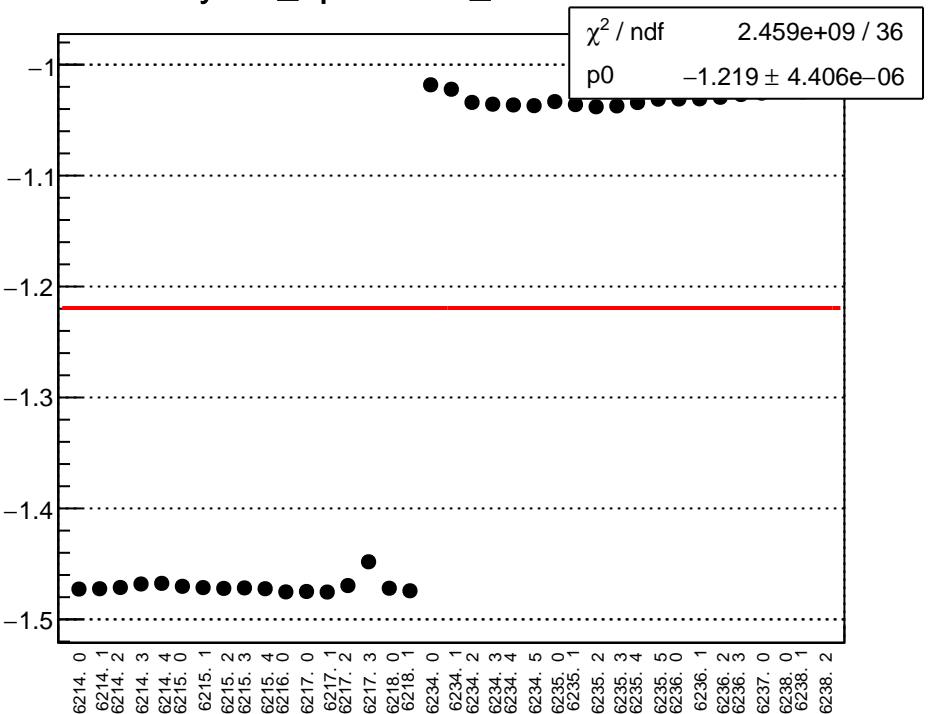
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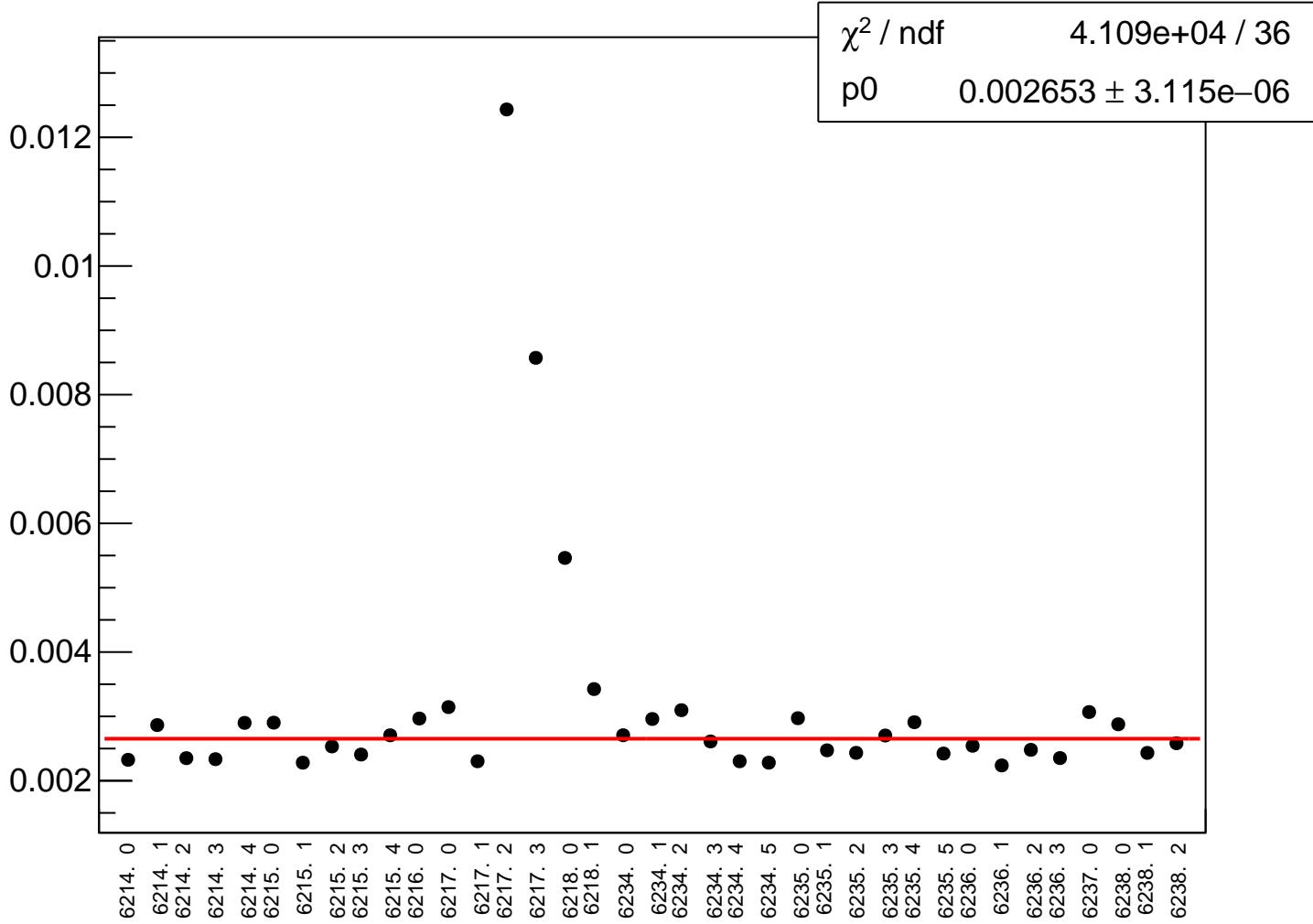
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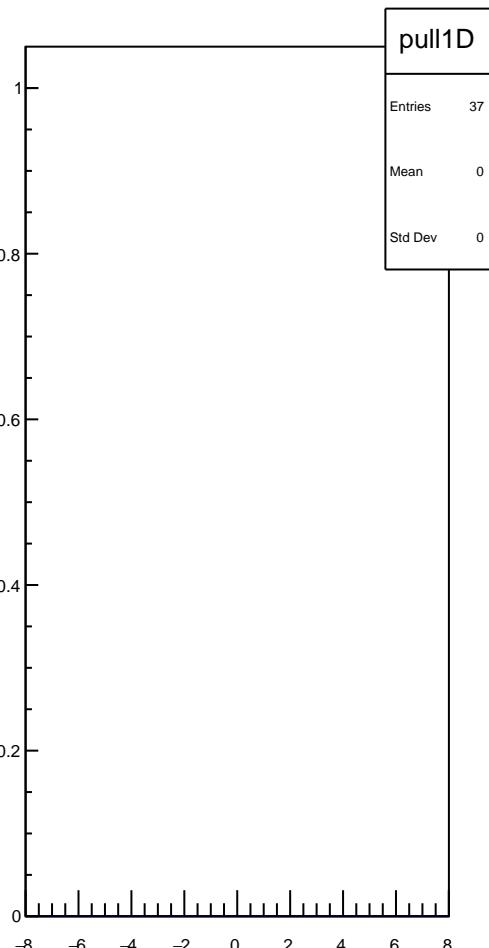
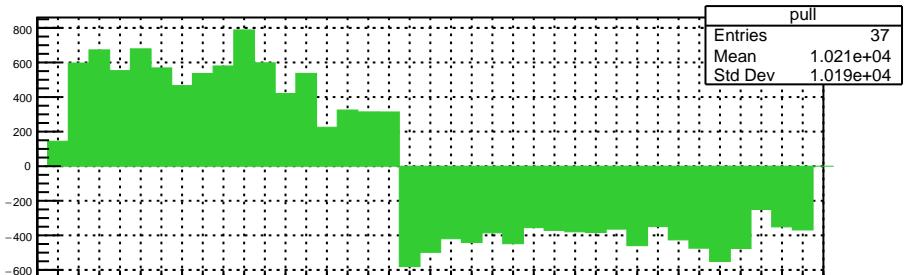
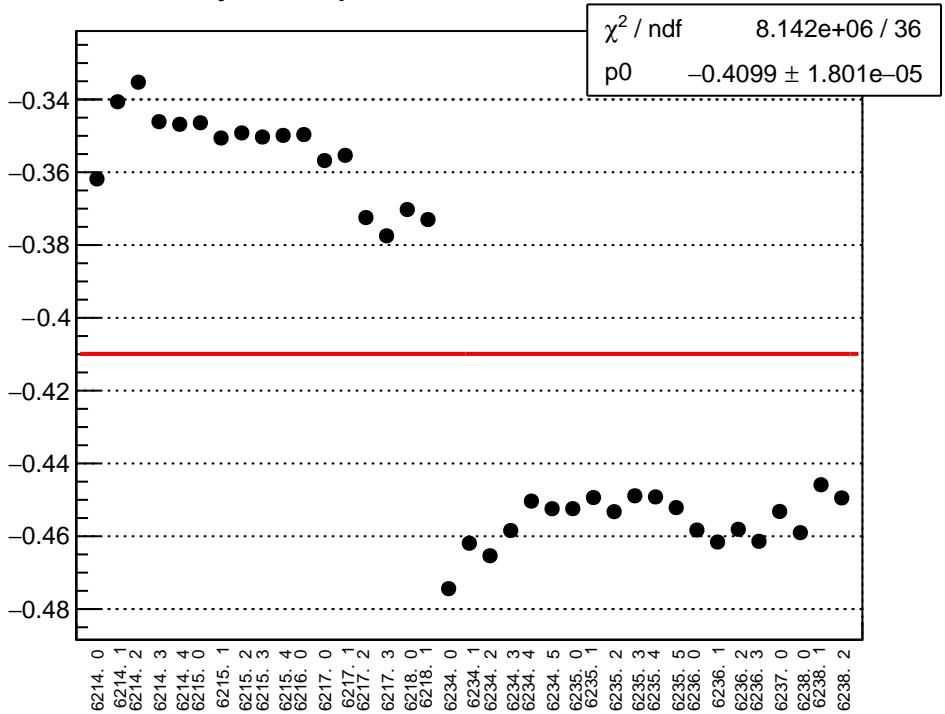
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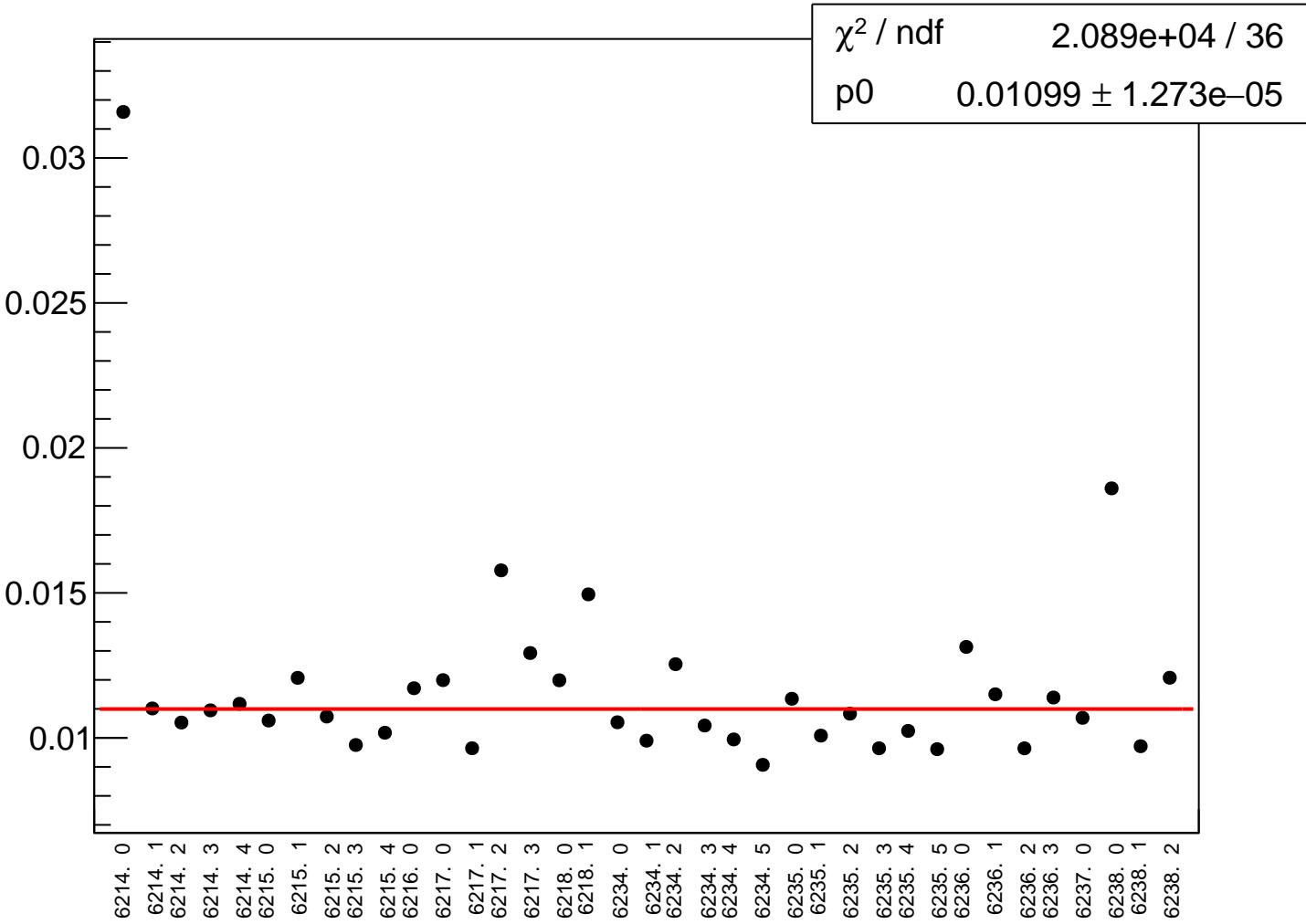
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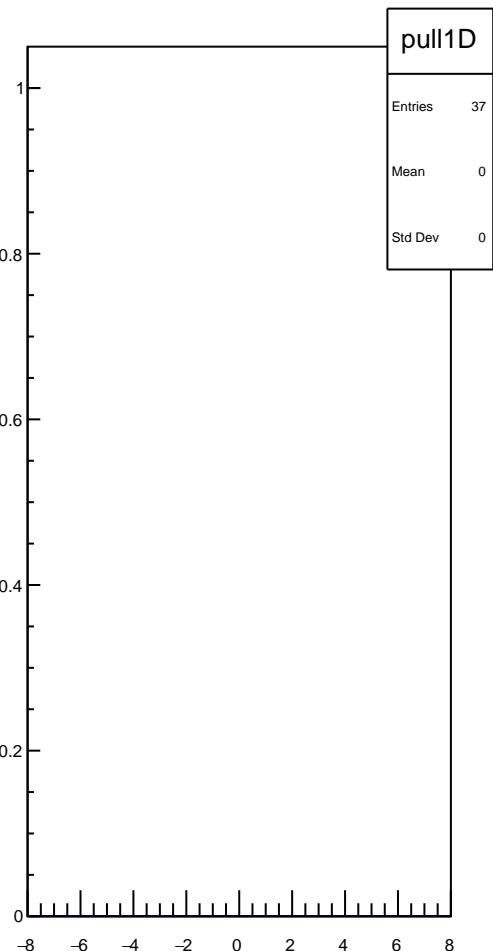
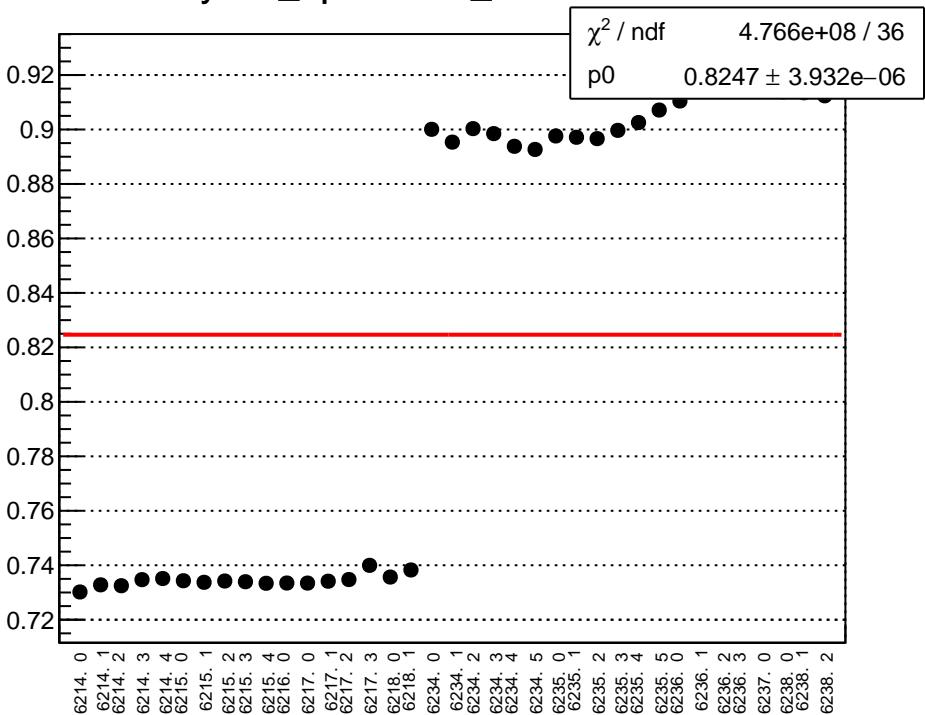
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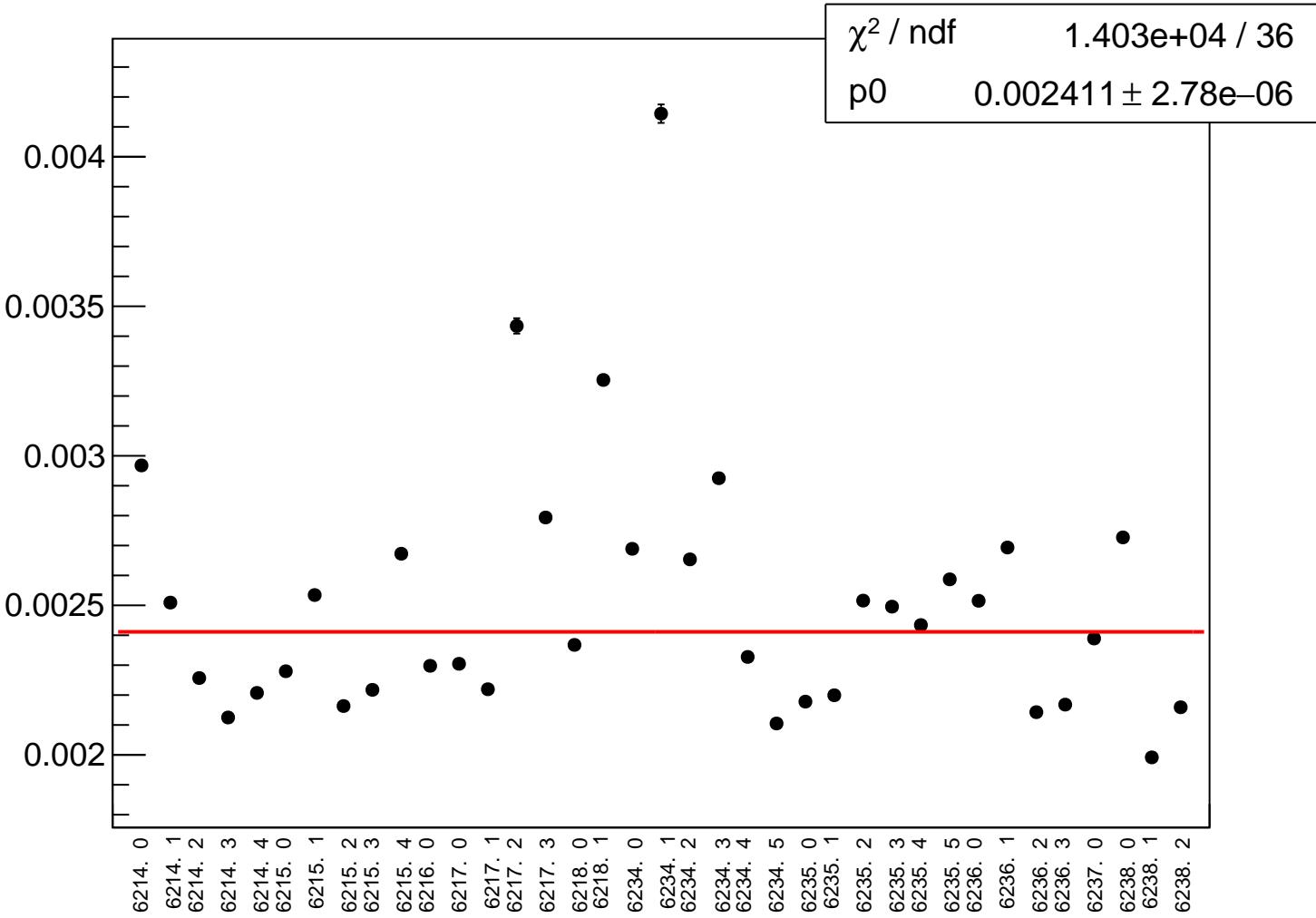
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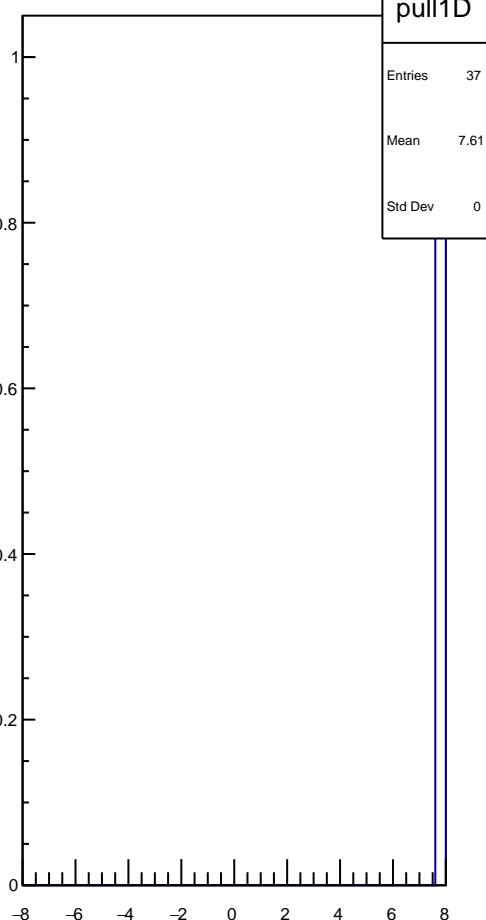
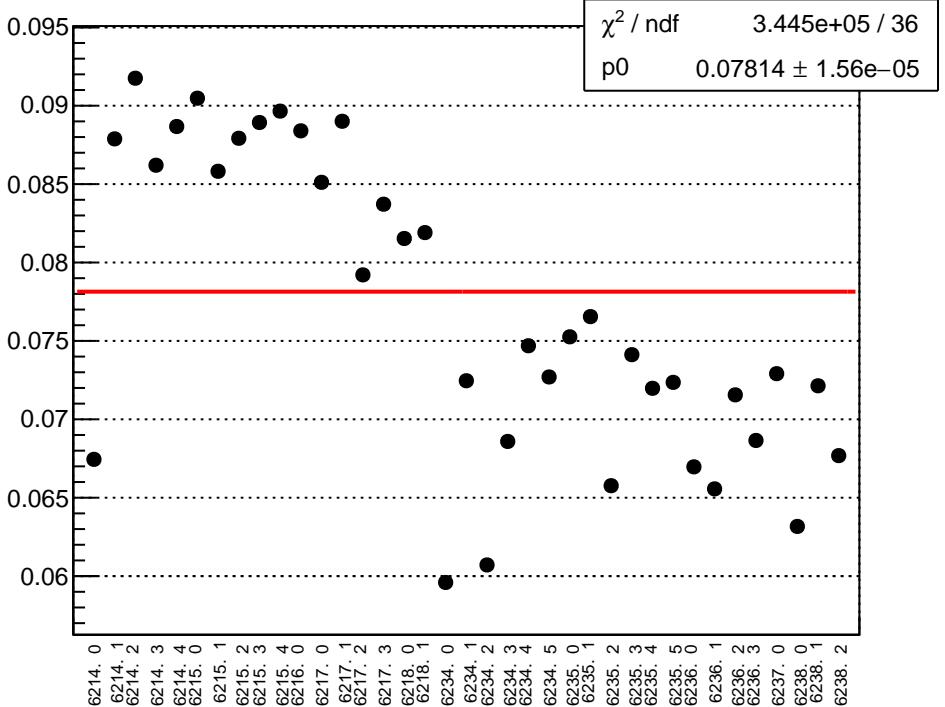
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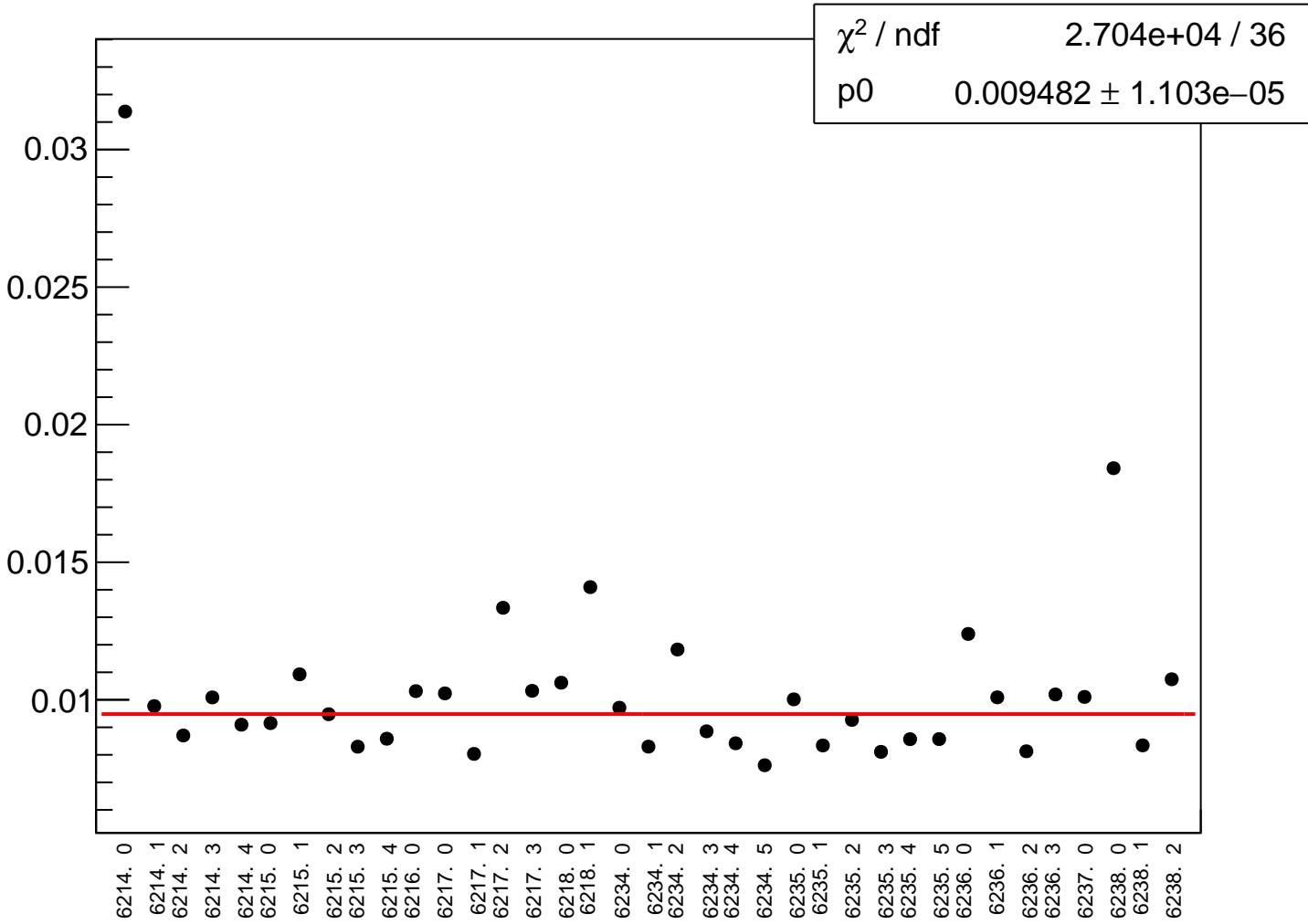
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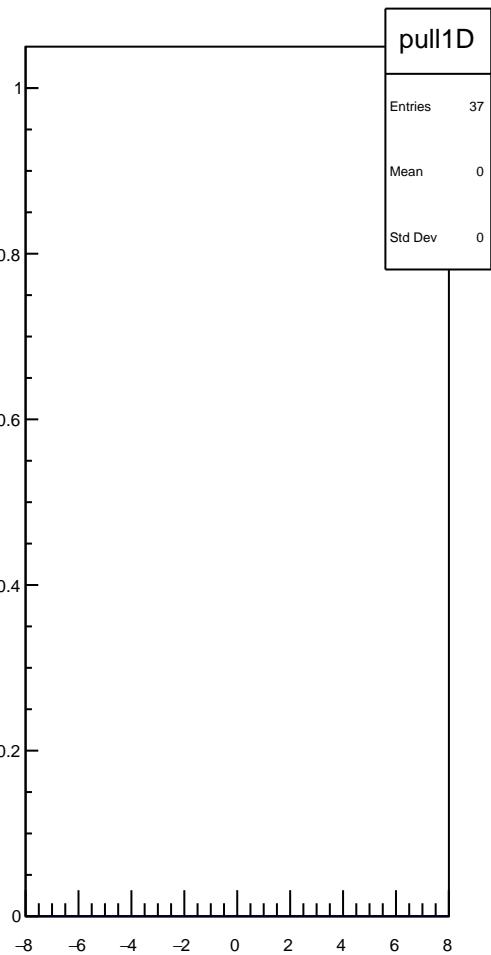
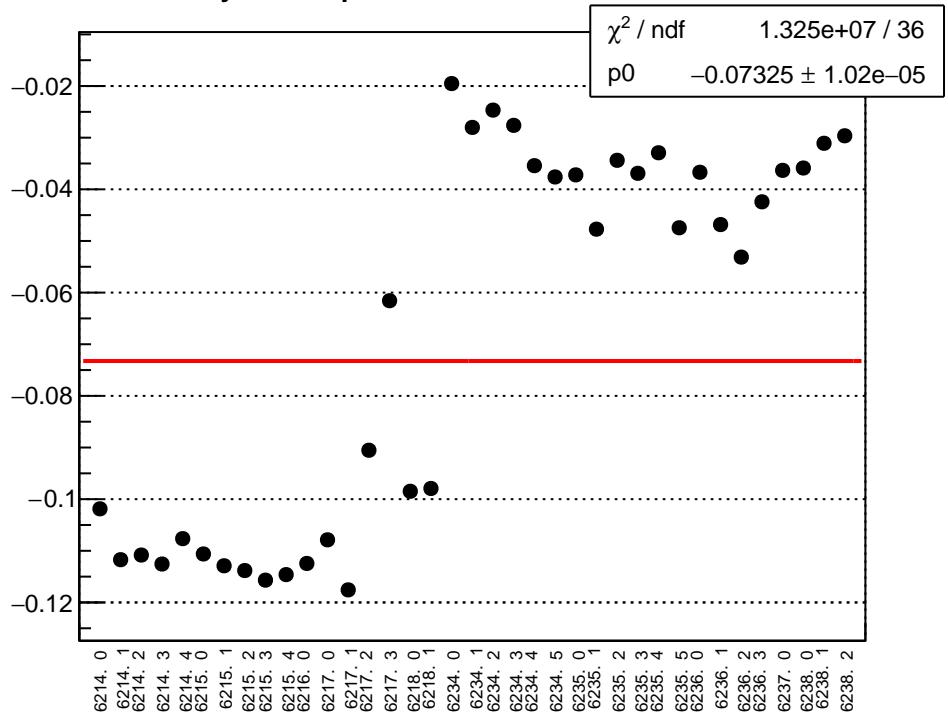
yield_bpm0l08X_mean vs run



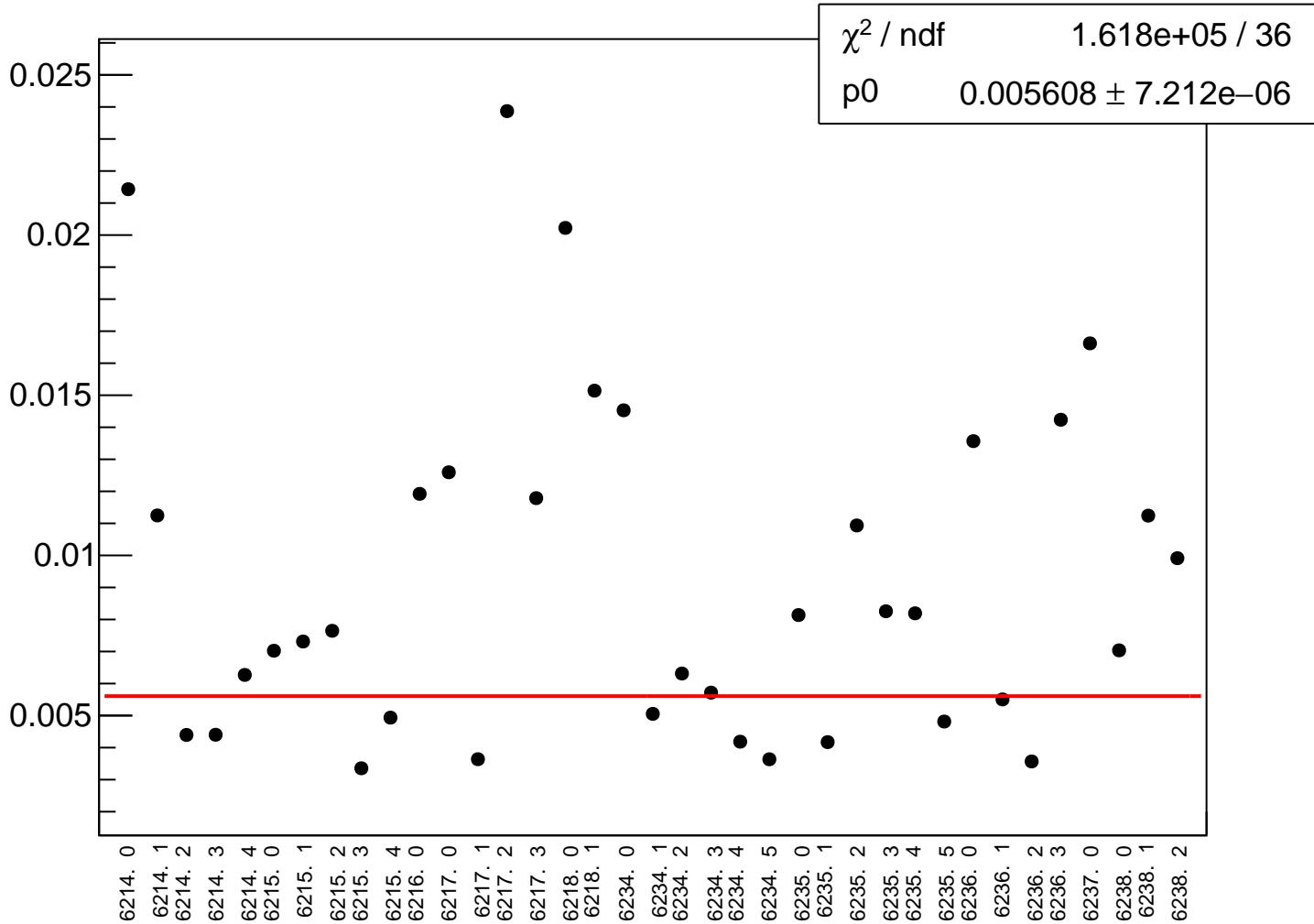
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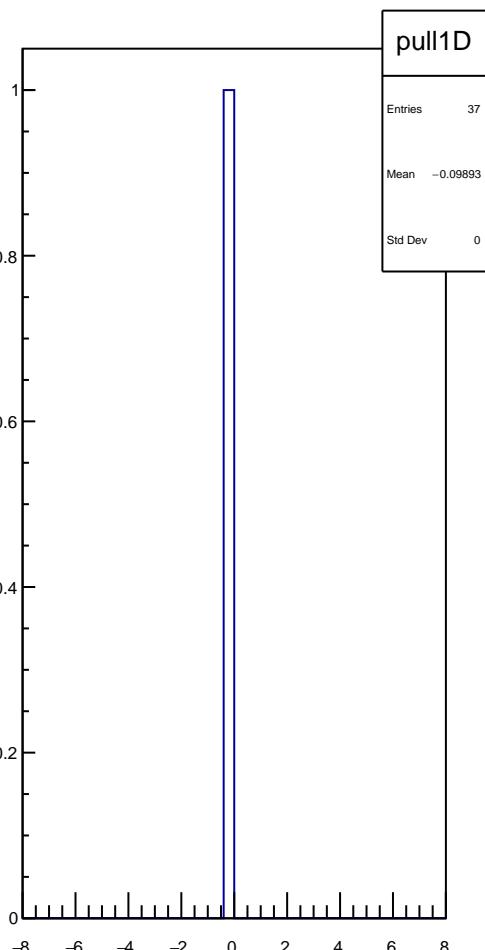
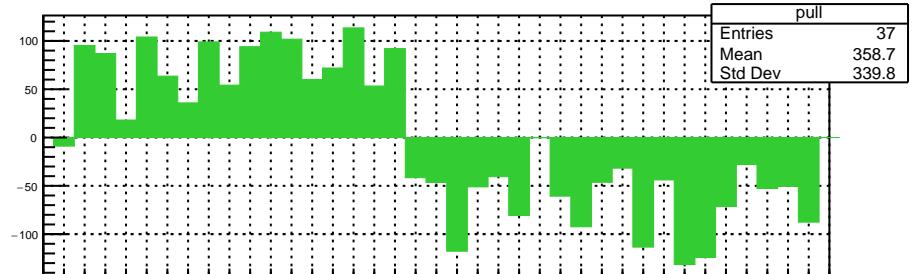
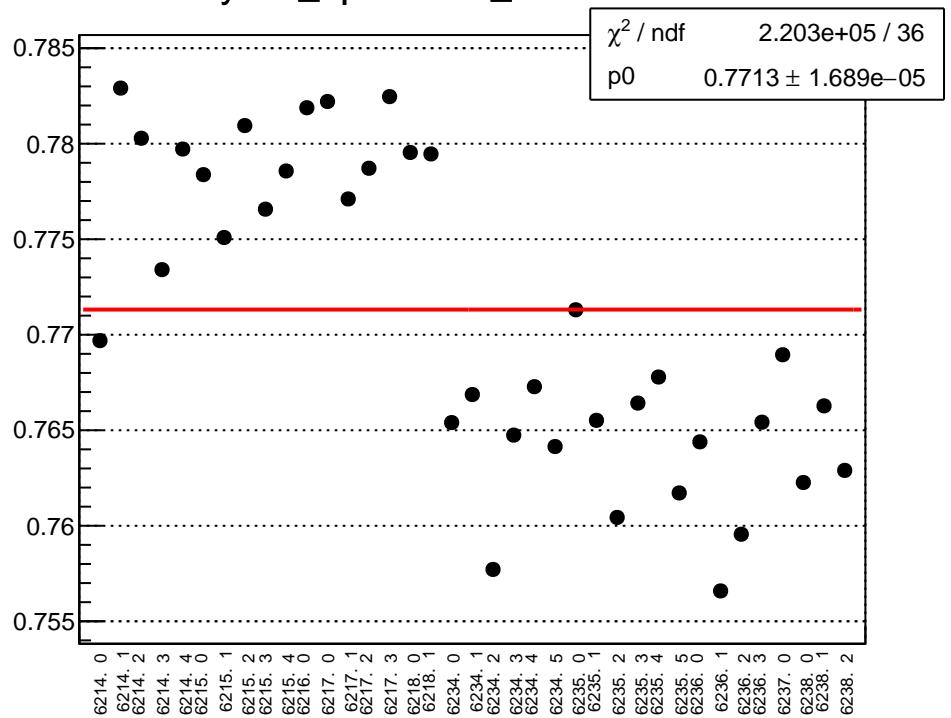
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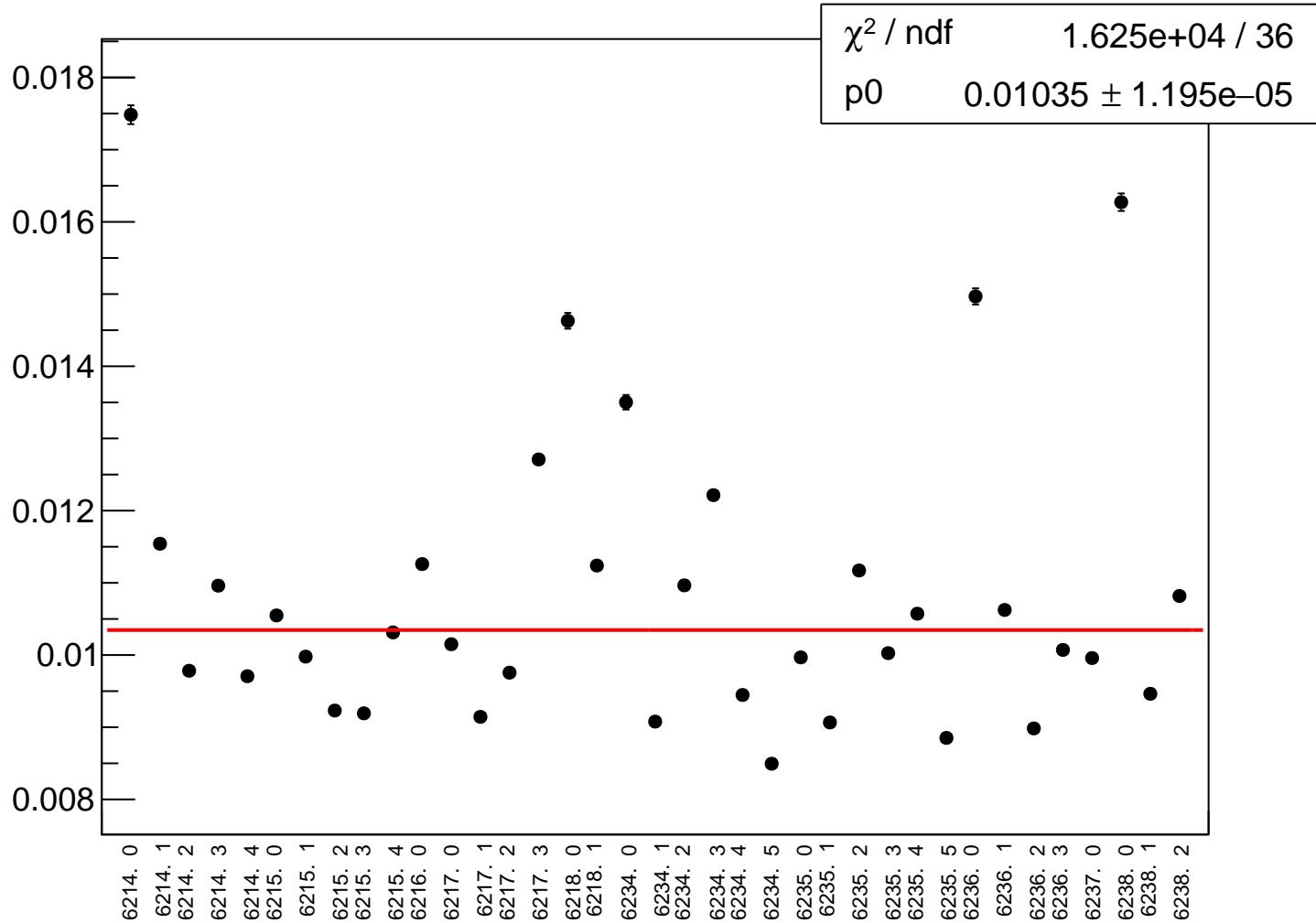
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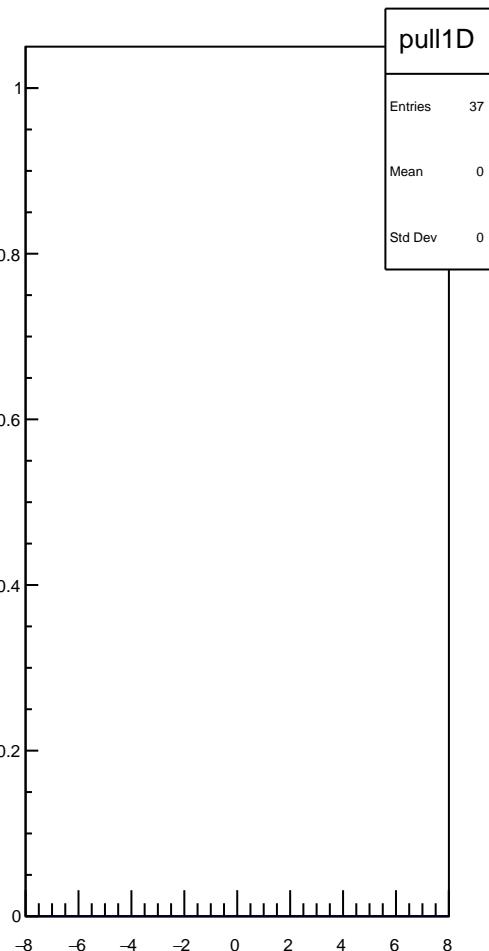
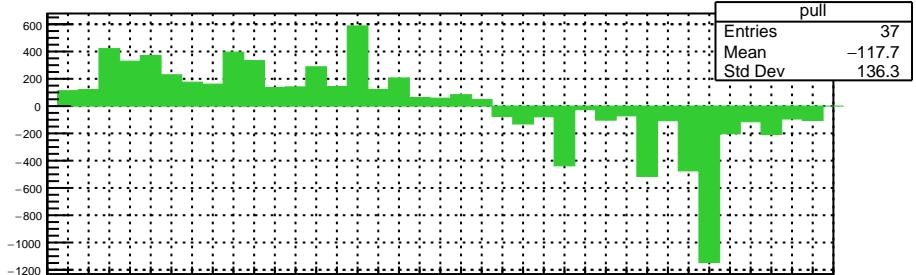
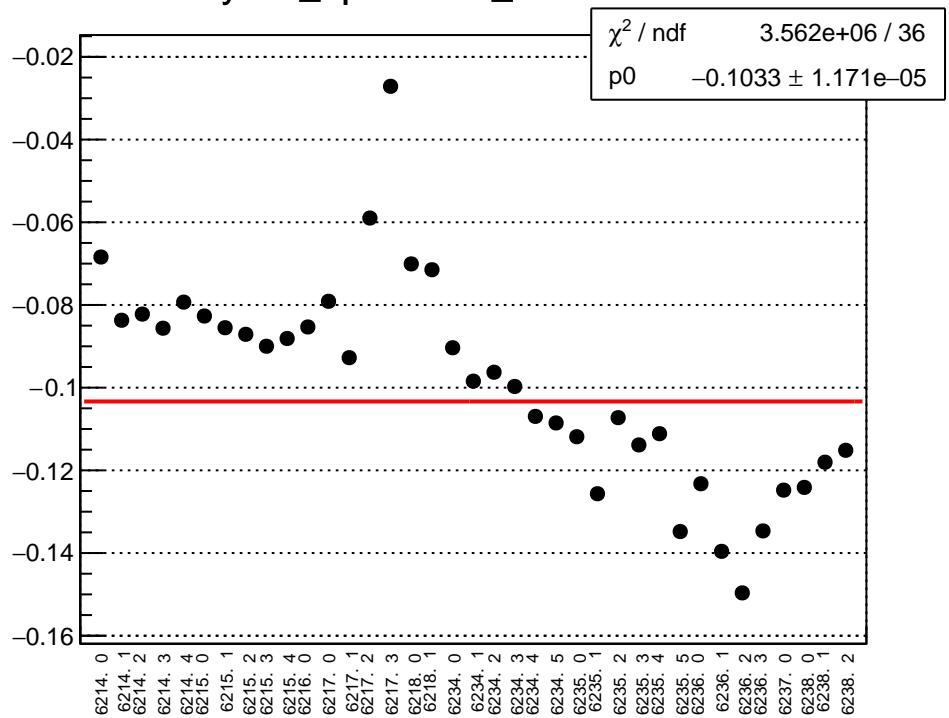
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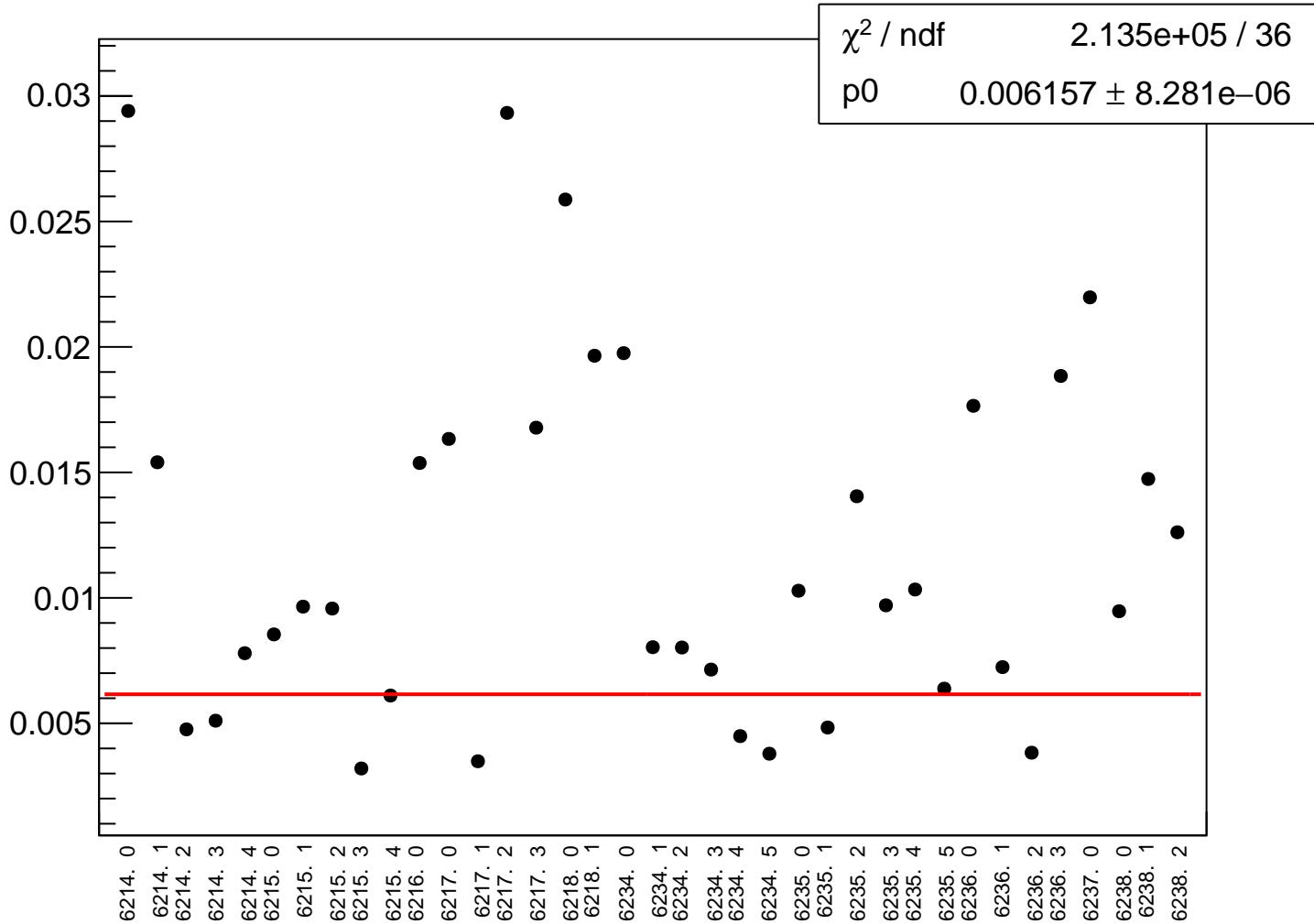
yield_bpm0l09X_rms vs run



yield_bpm0l09Y_mean vs run

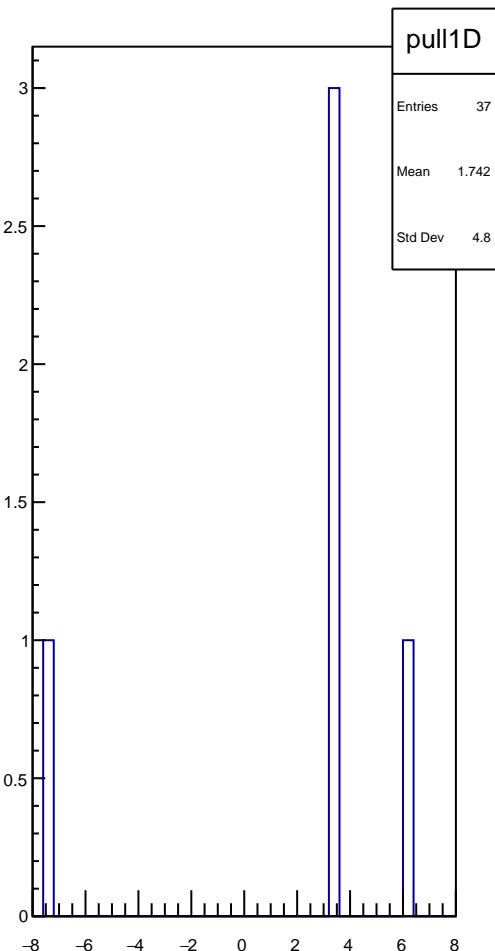
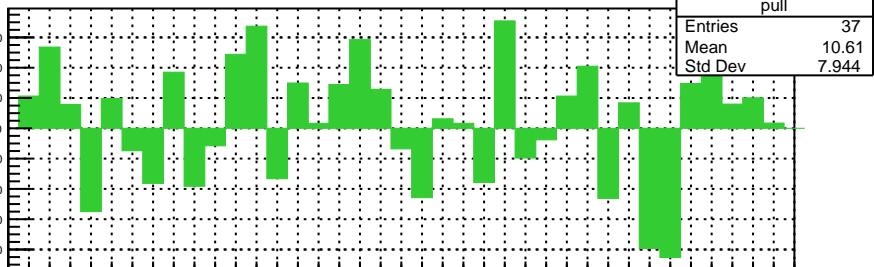
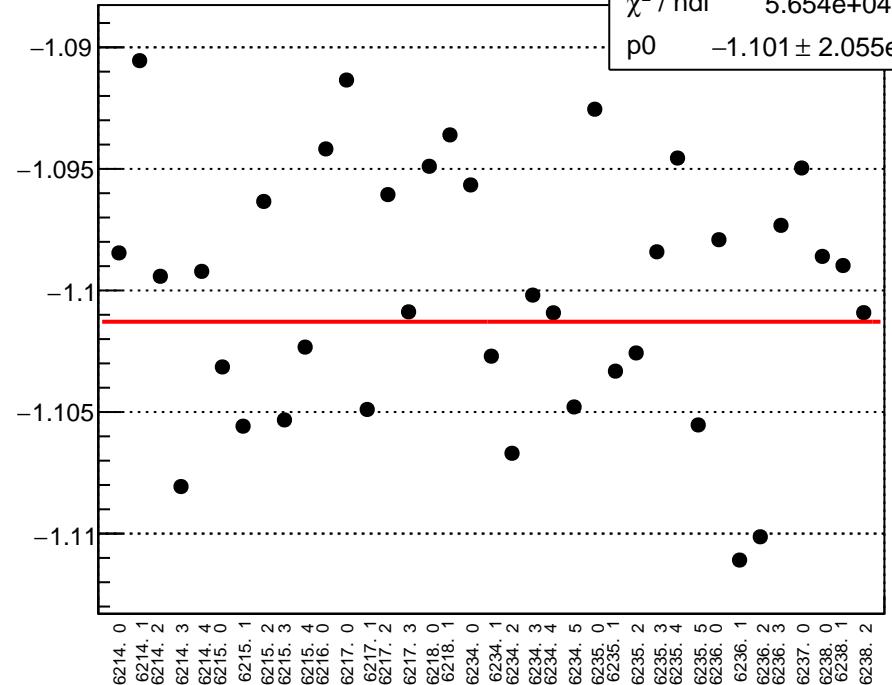


yield_bpm0l09Y_rms vs run

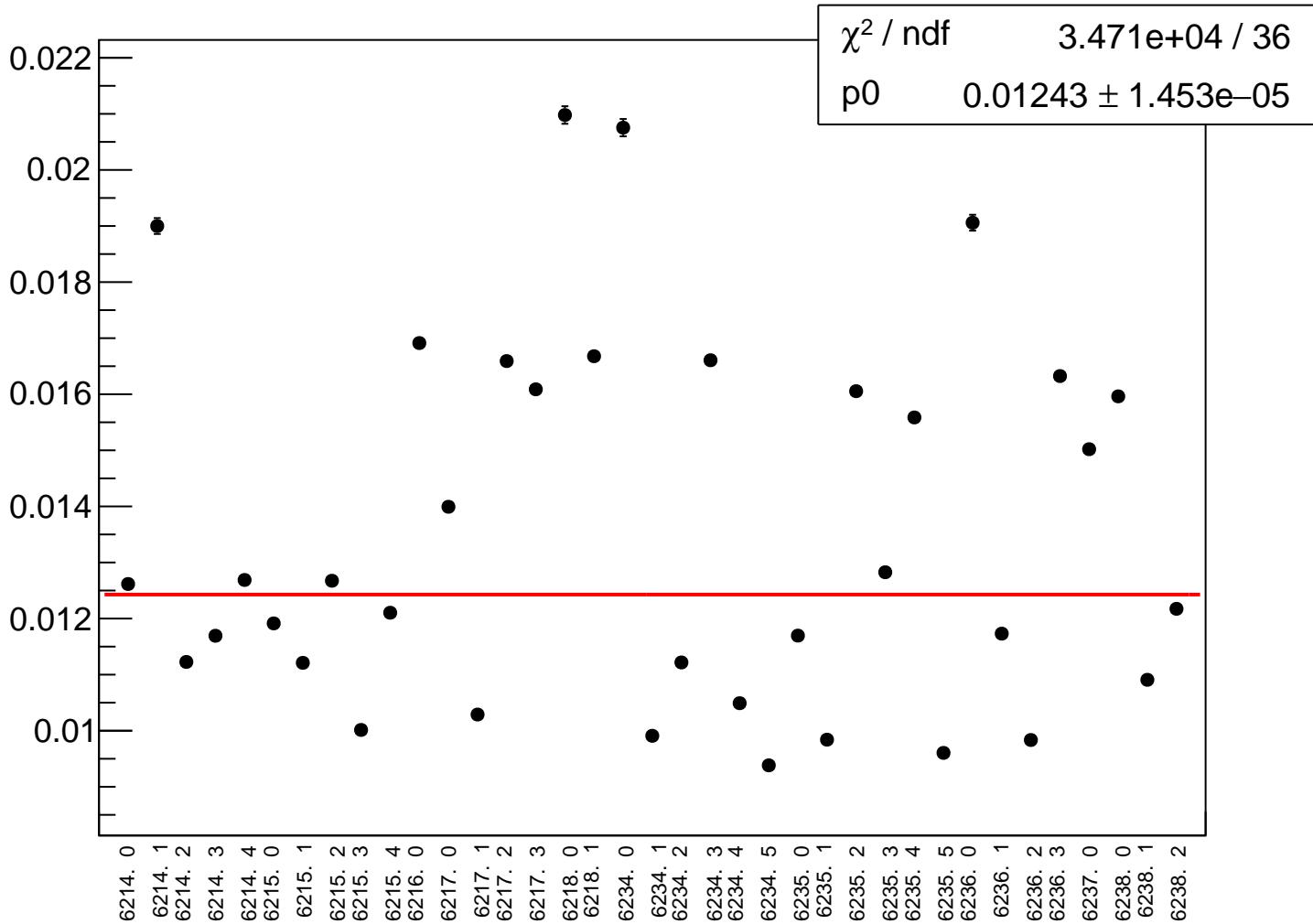


yield_bpm0I10X_mean vs run

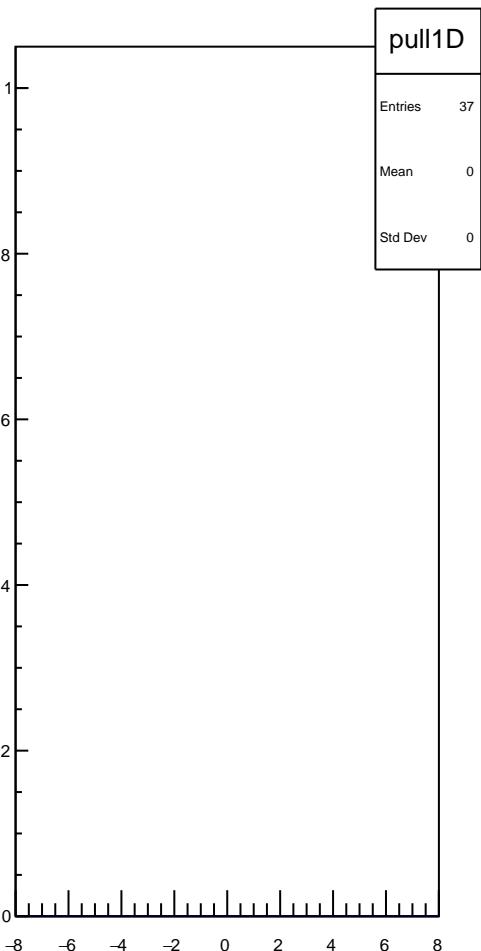
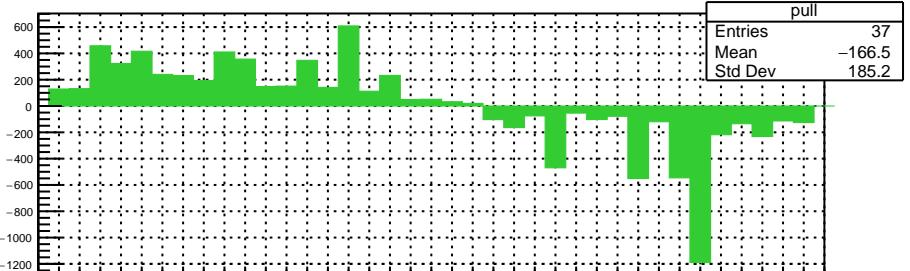
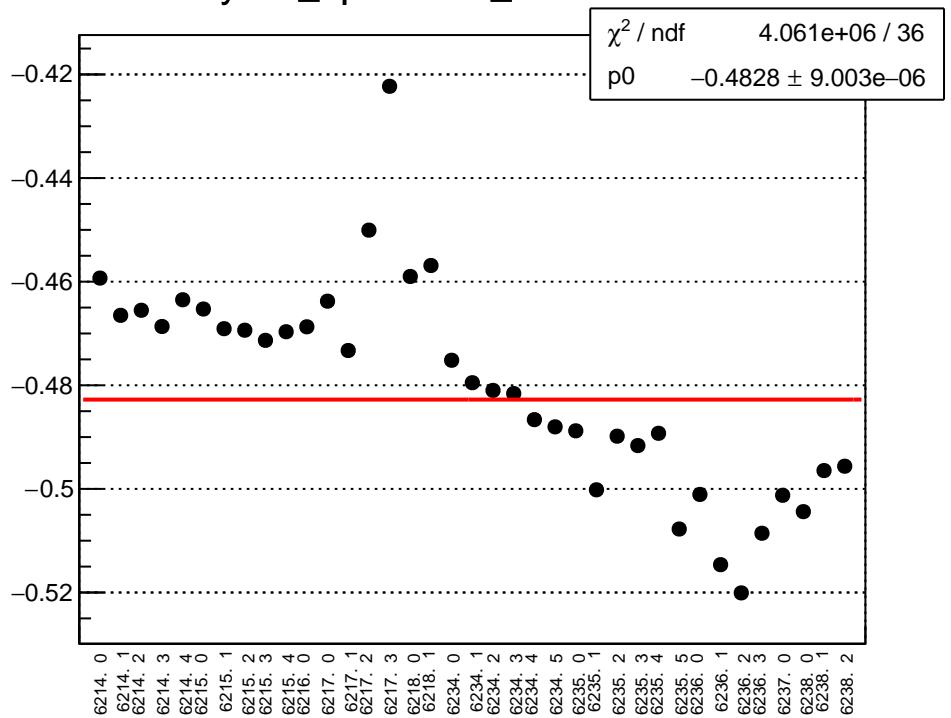
χ^2 / ndf 5.654e+04 / 36
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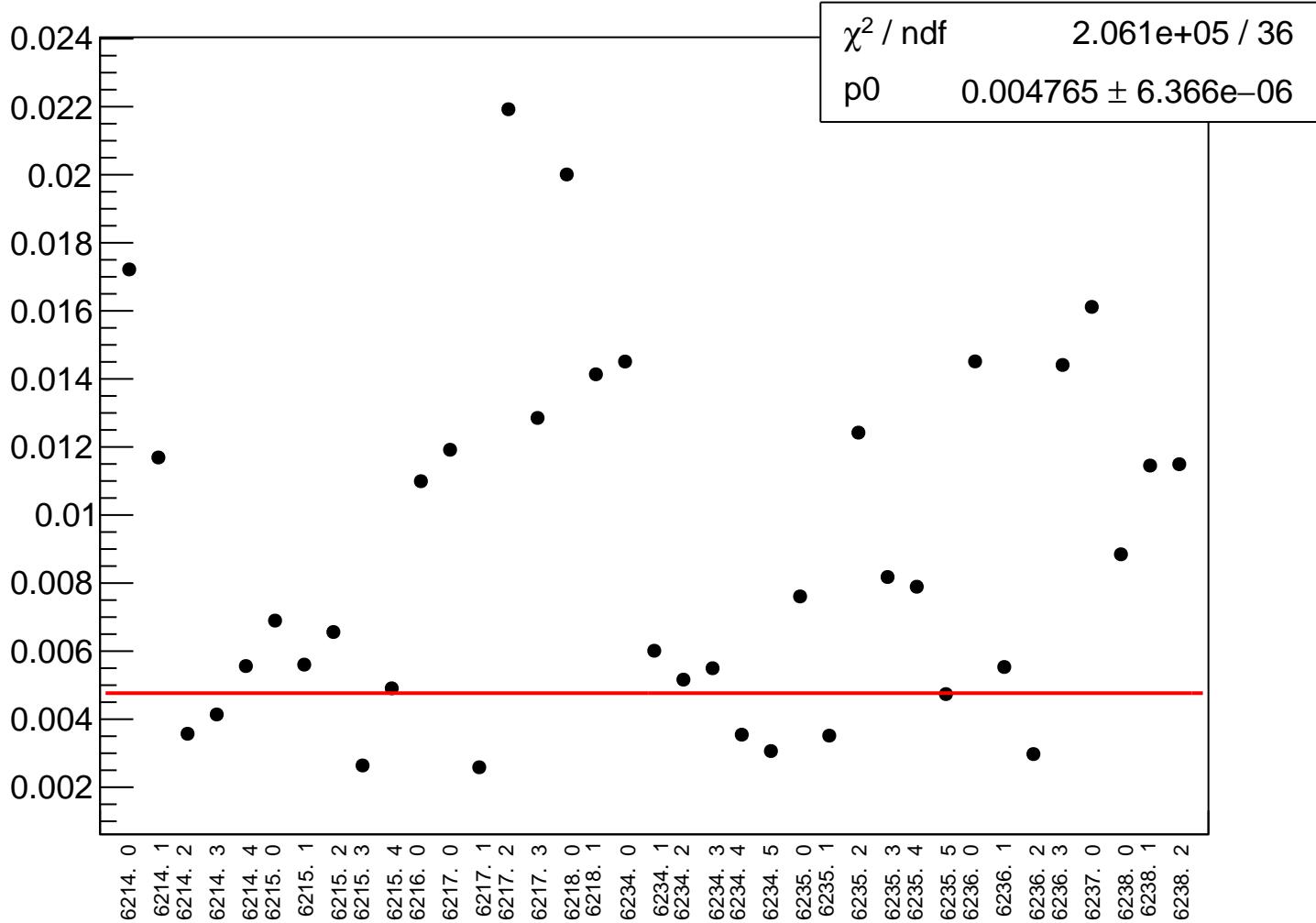
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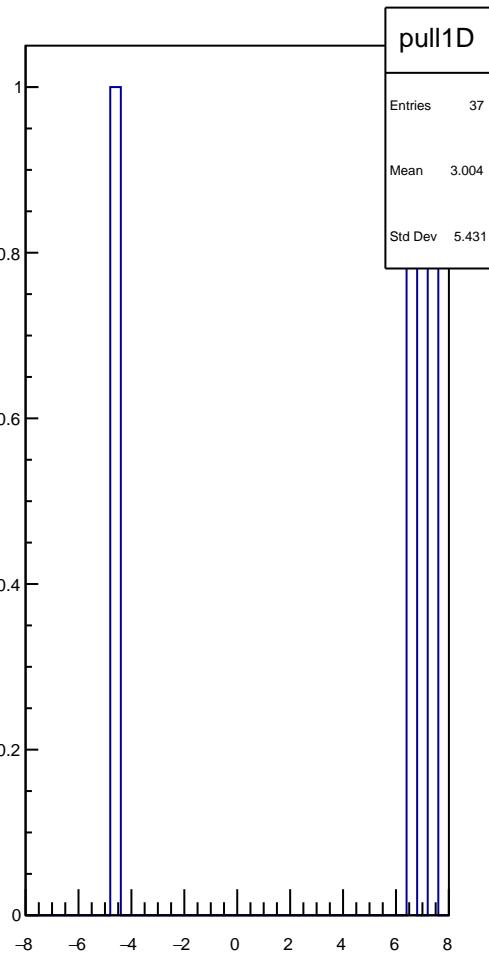
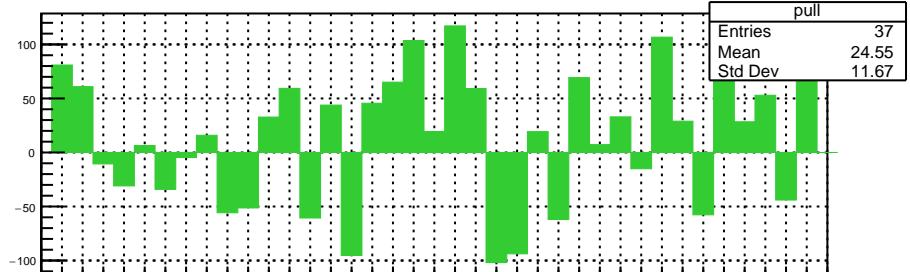
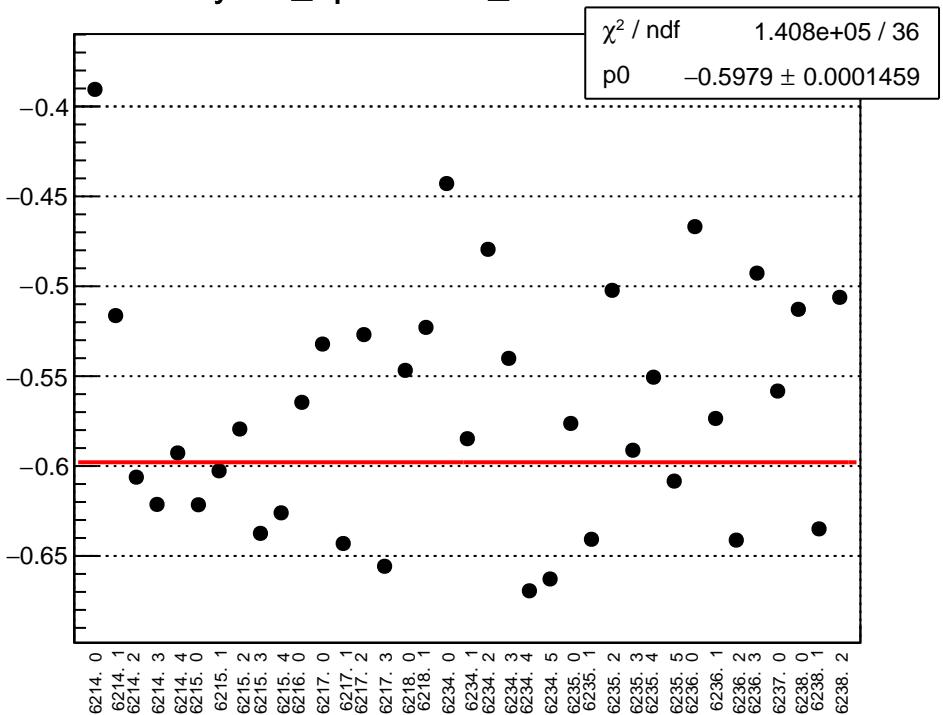
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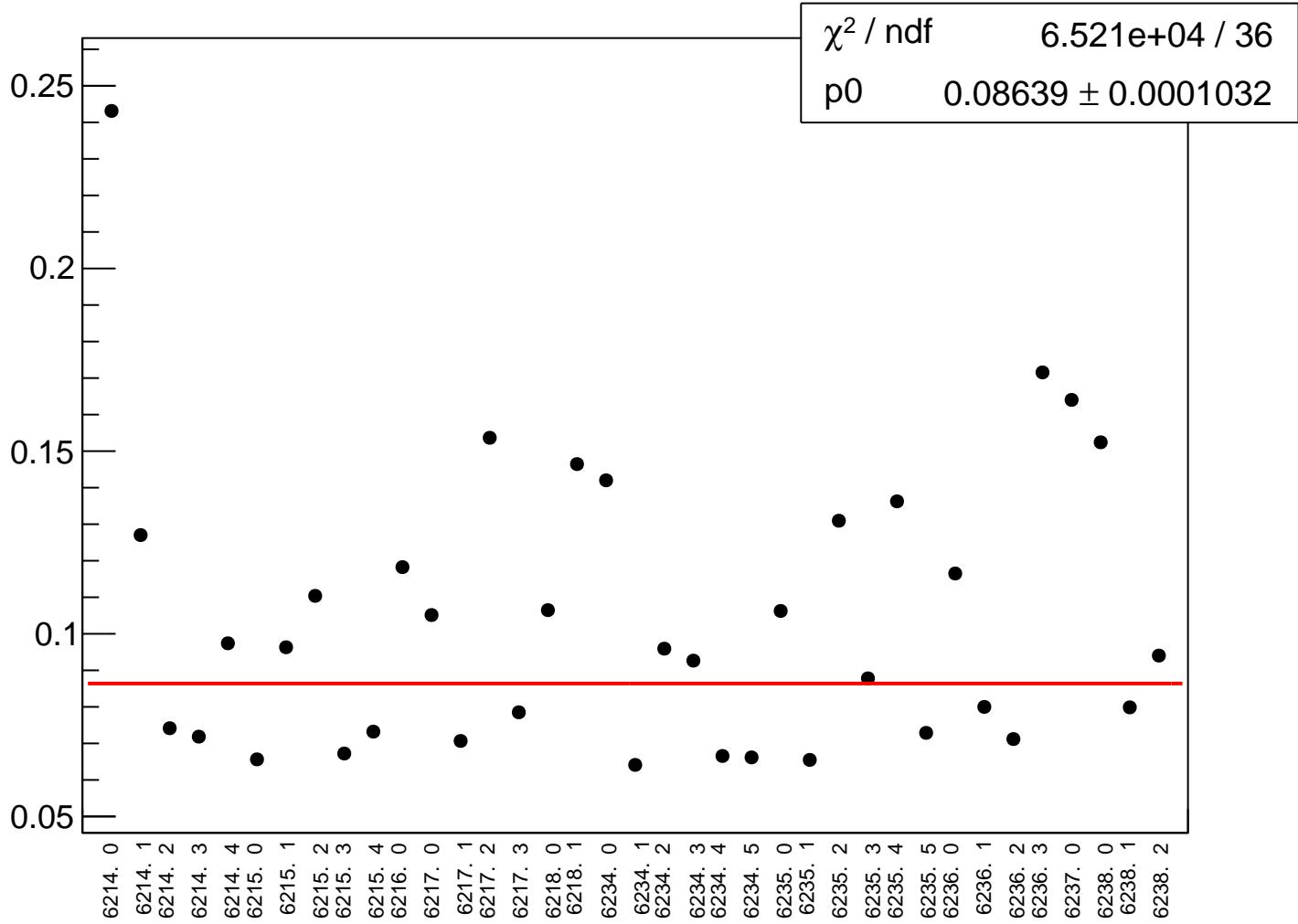
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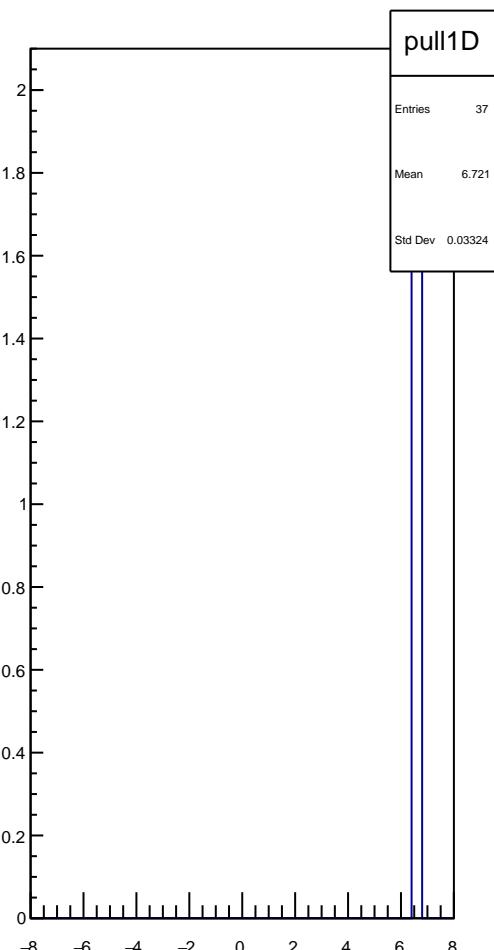
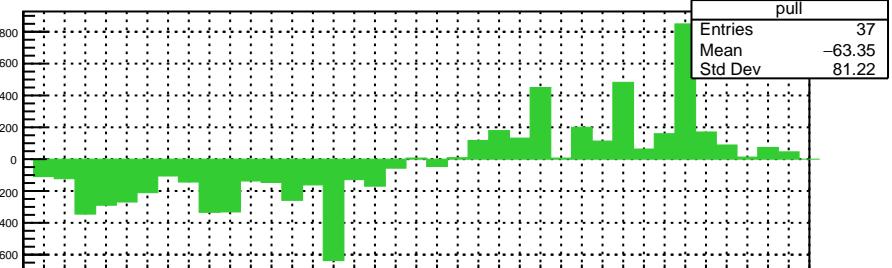
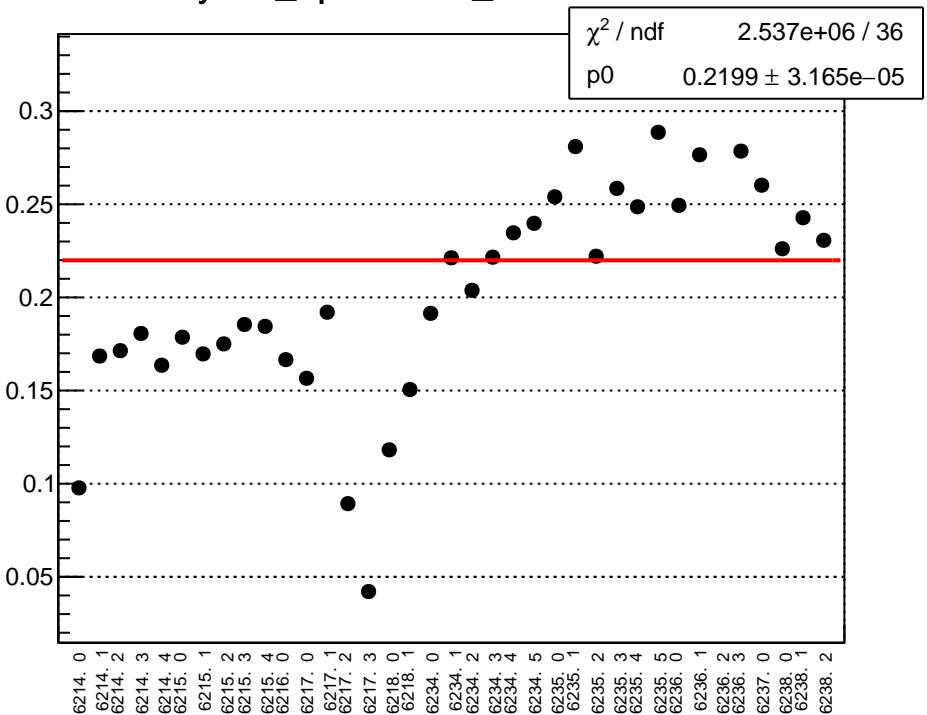
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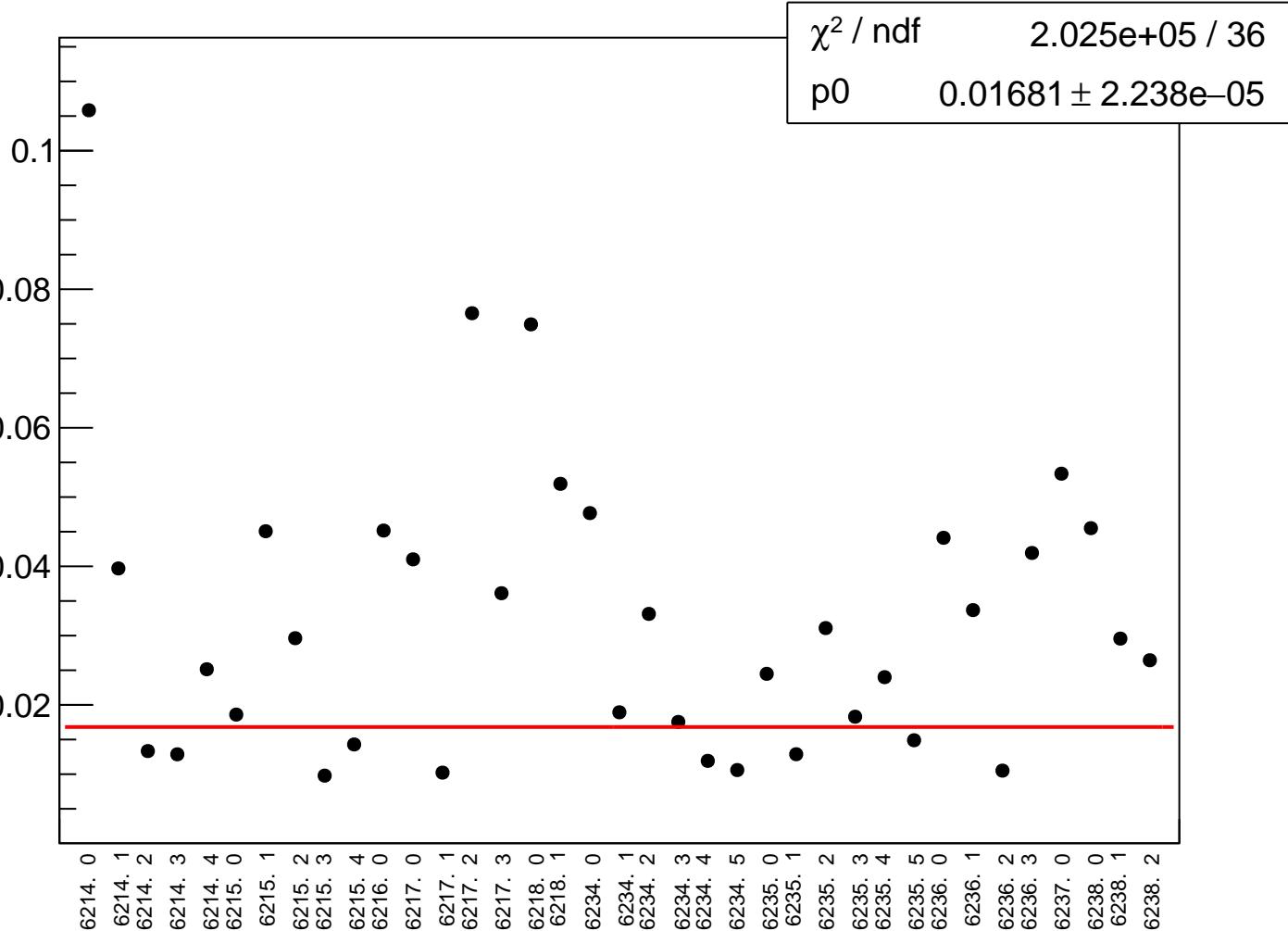
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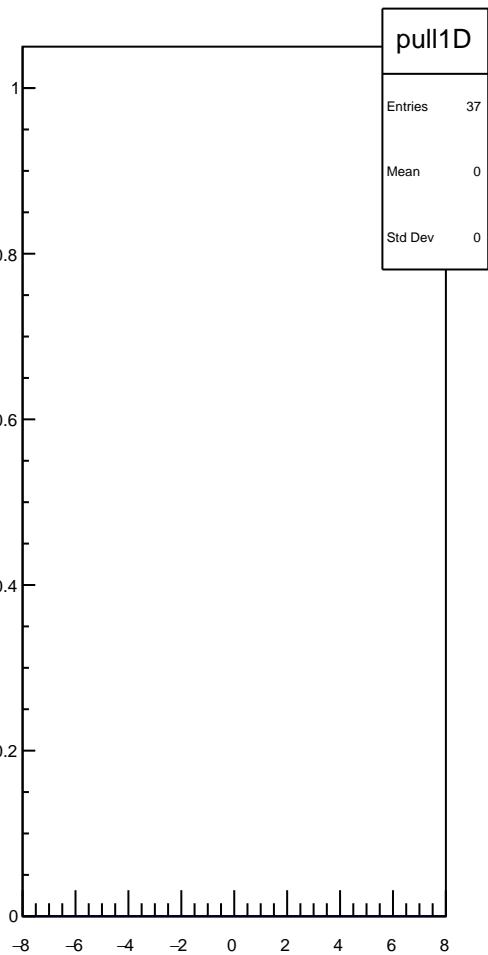
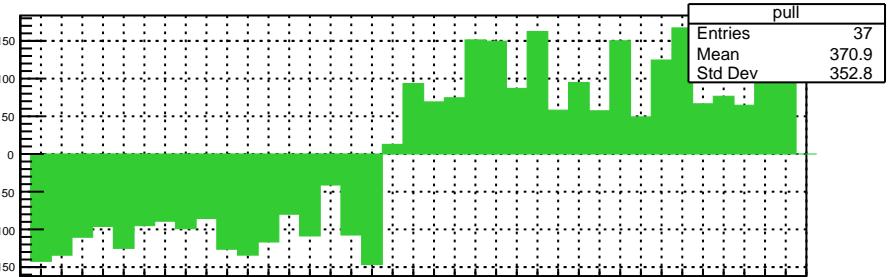
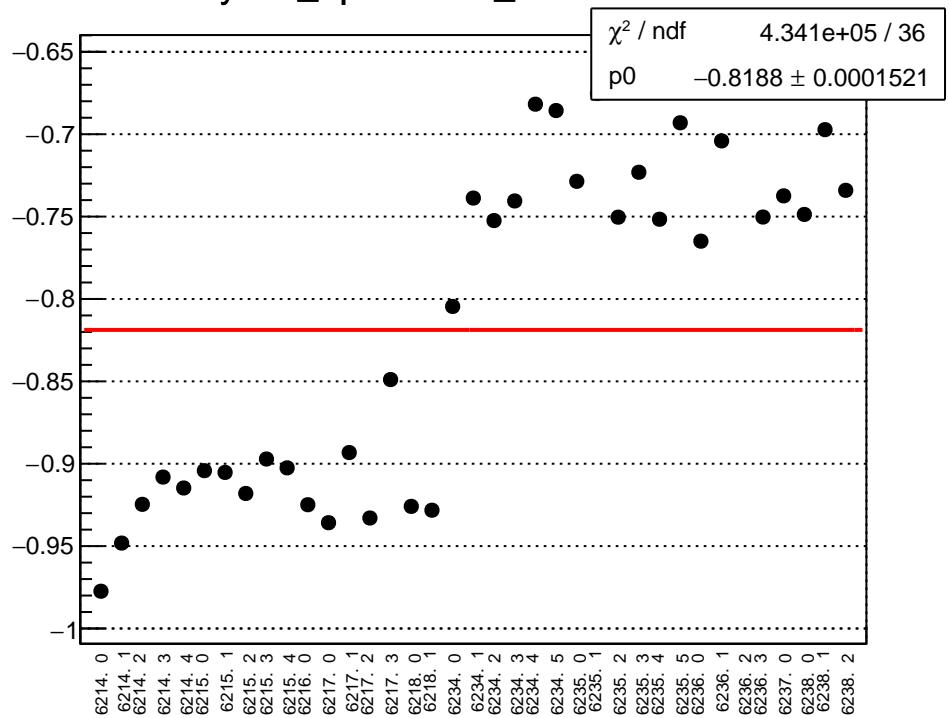
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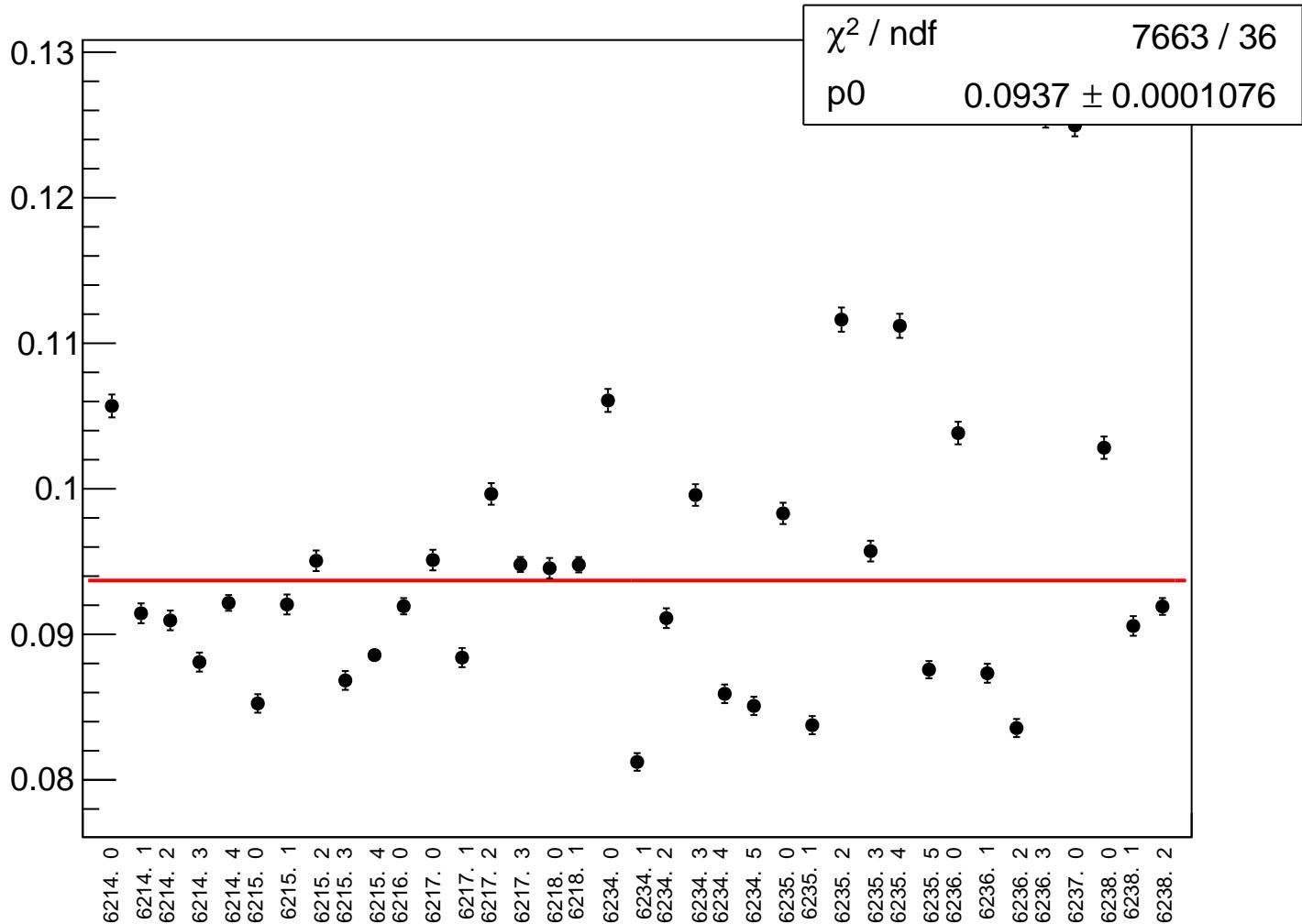
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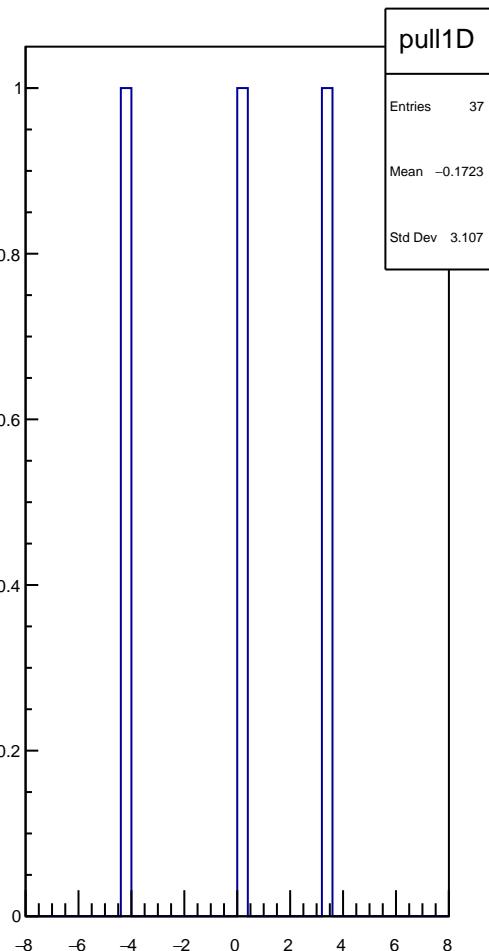
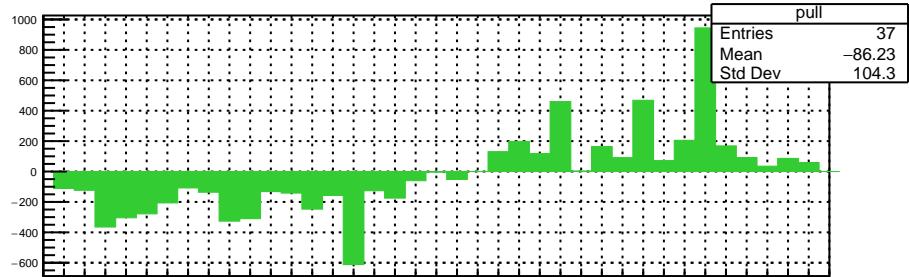
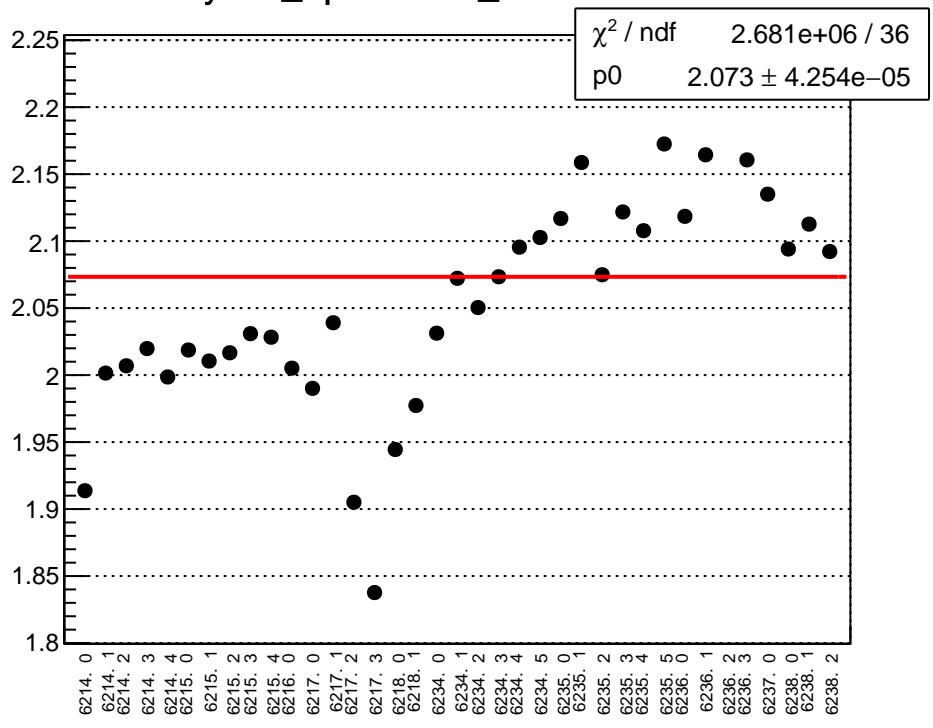
yield_bpm0r05X_mean vs run



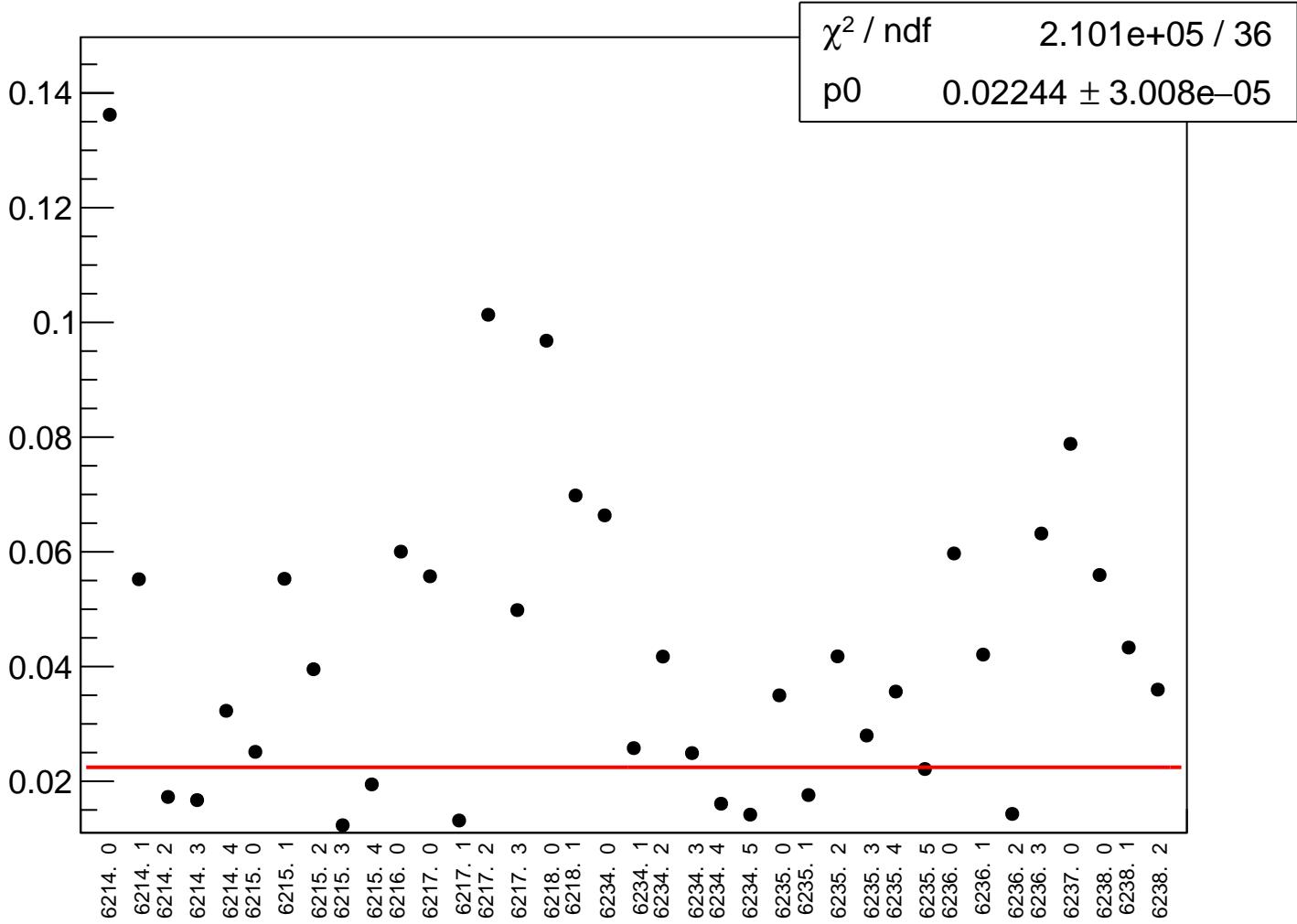
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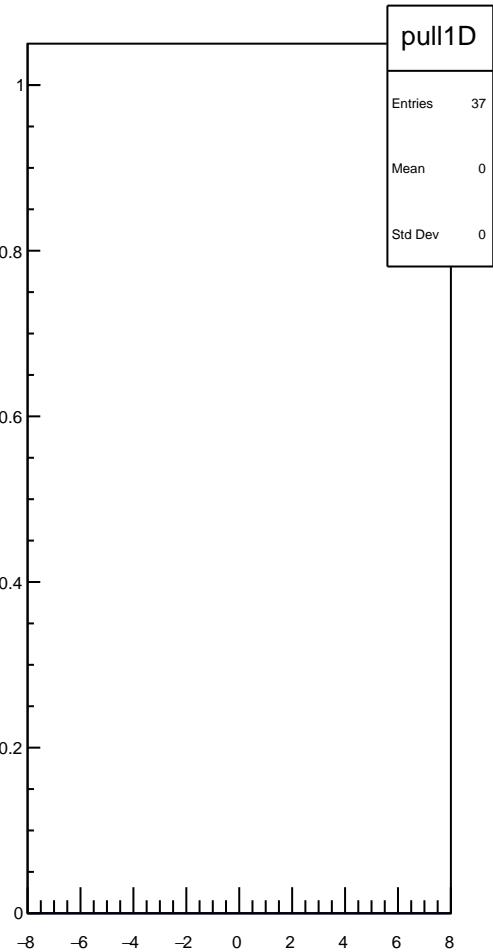
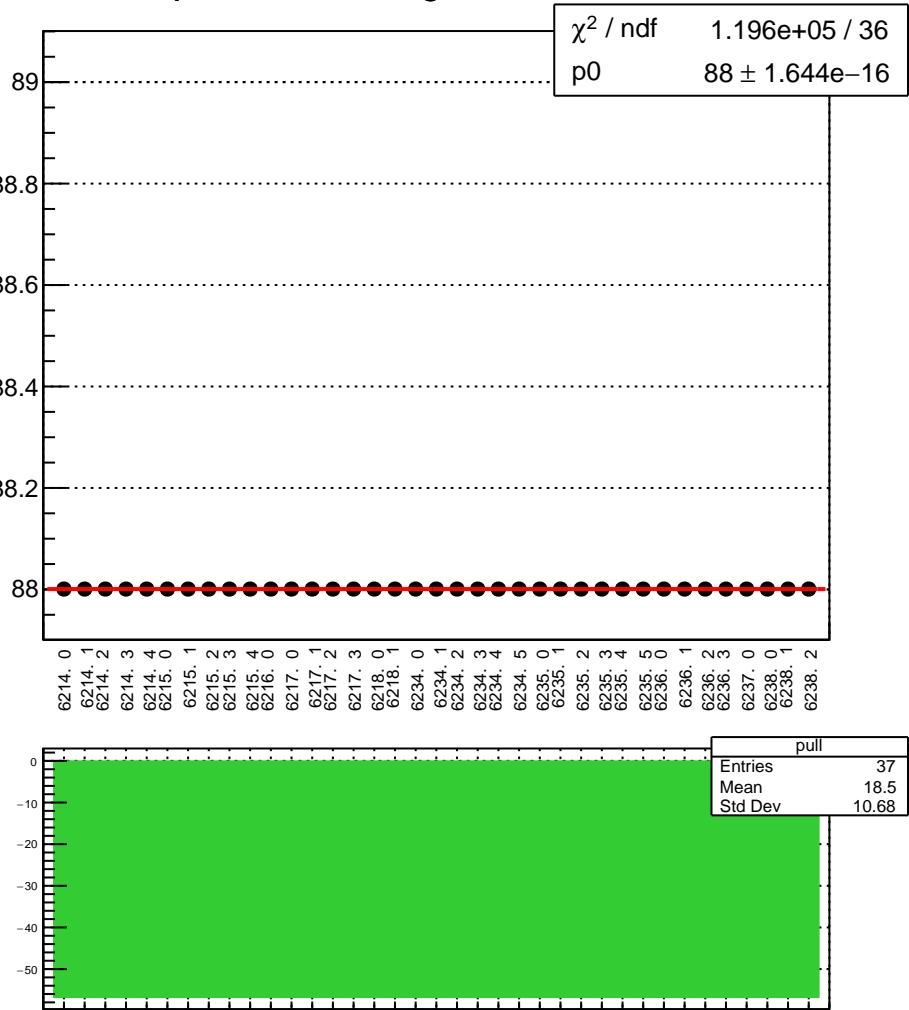
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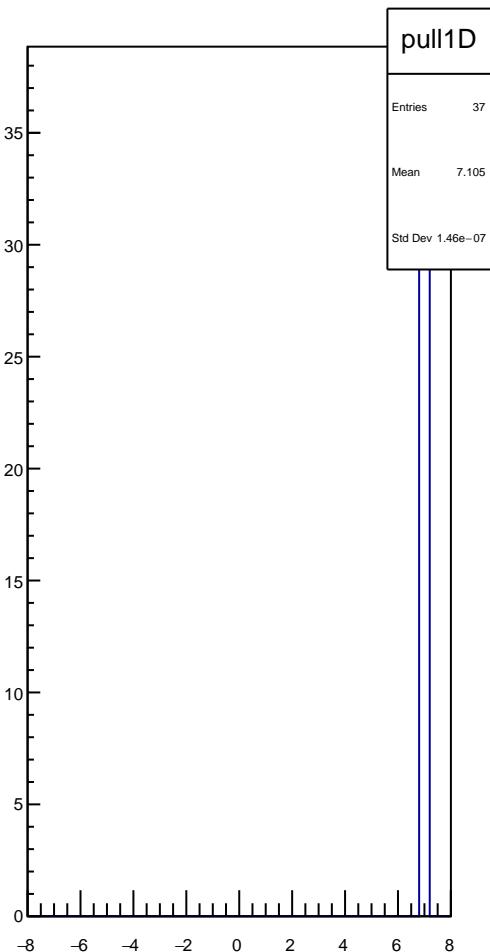
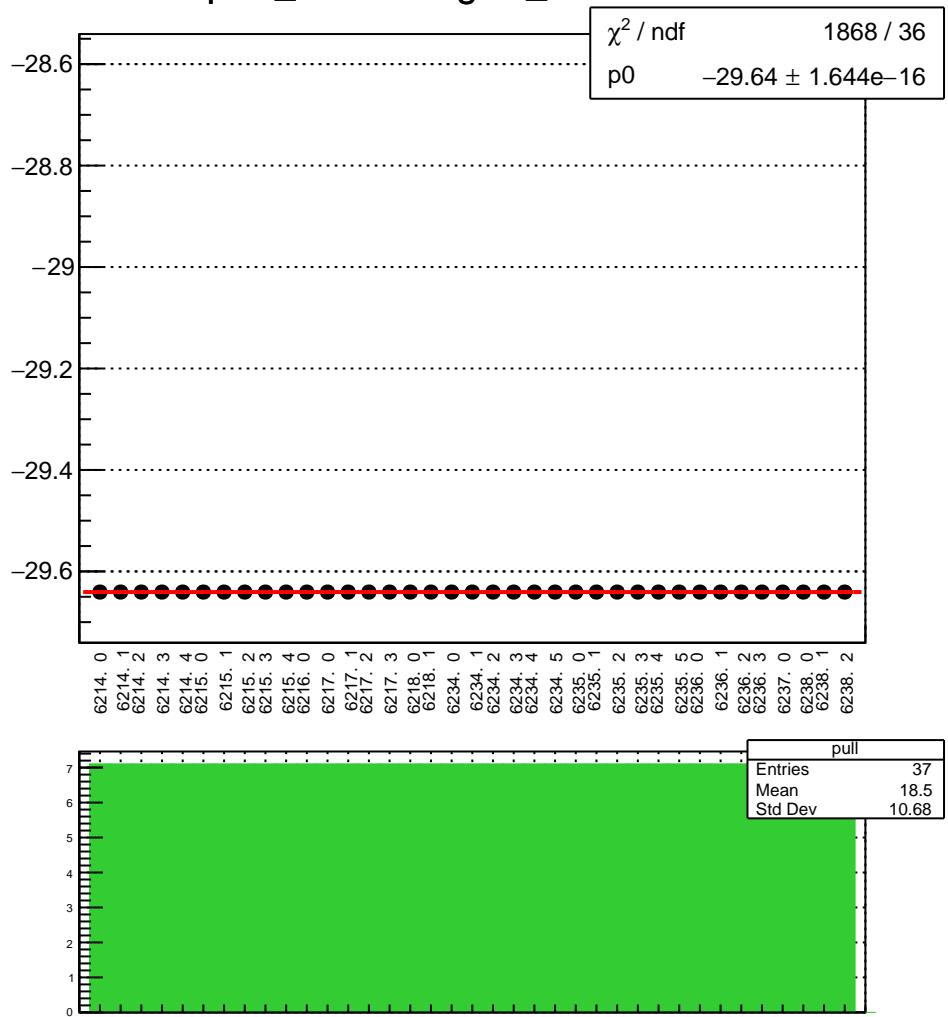
yield_bpm0r05Y_rms vs run



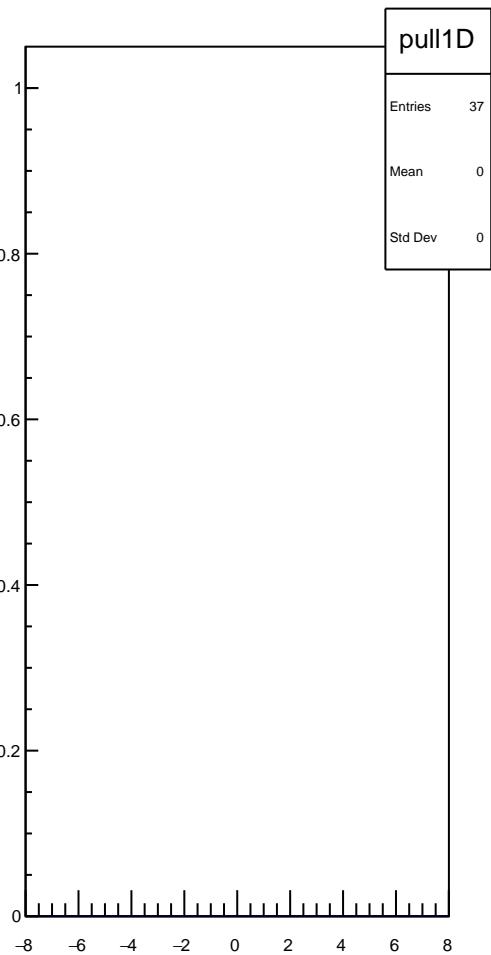
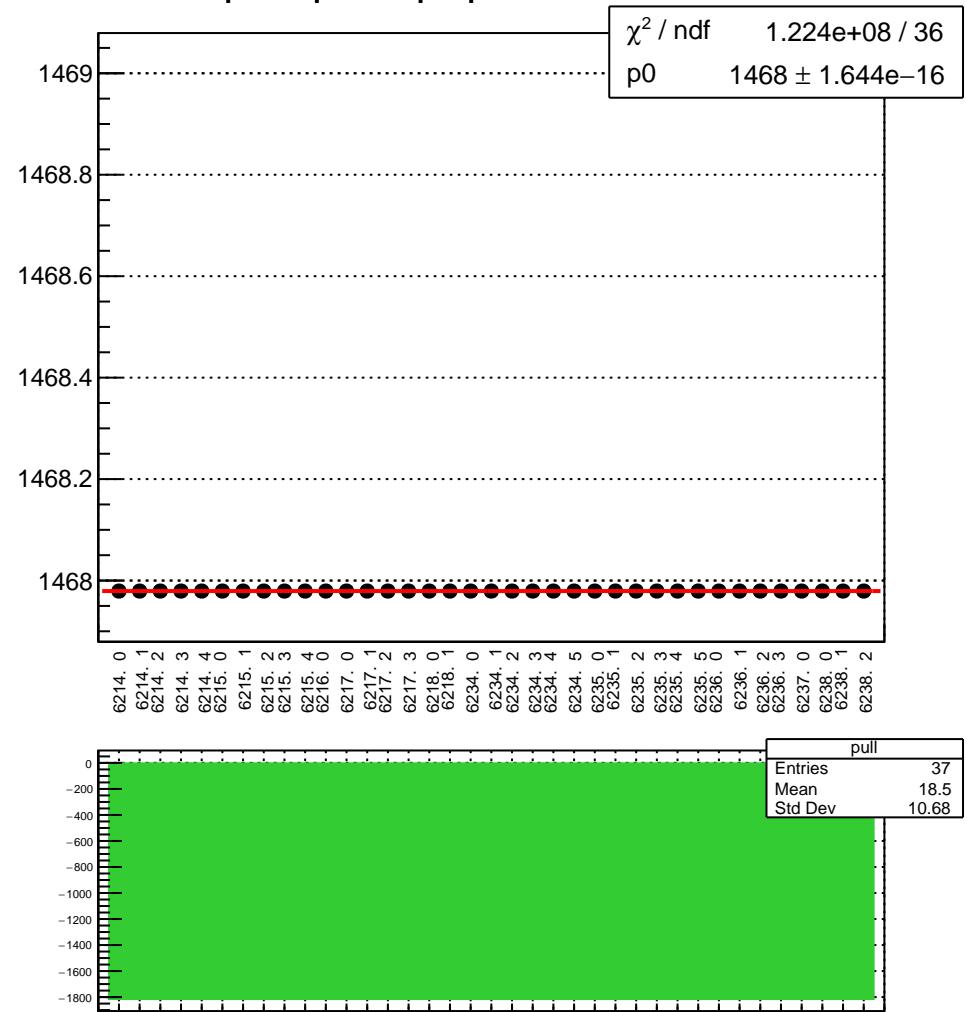
epics_VWienAngles_mean vs run



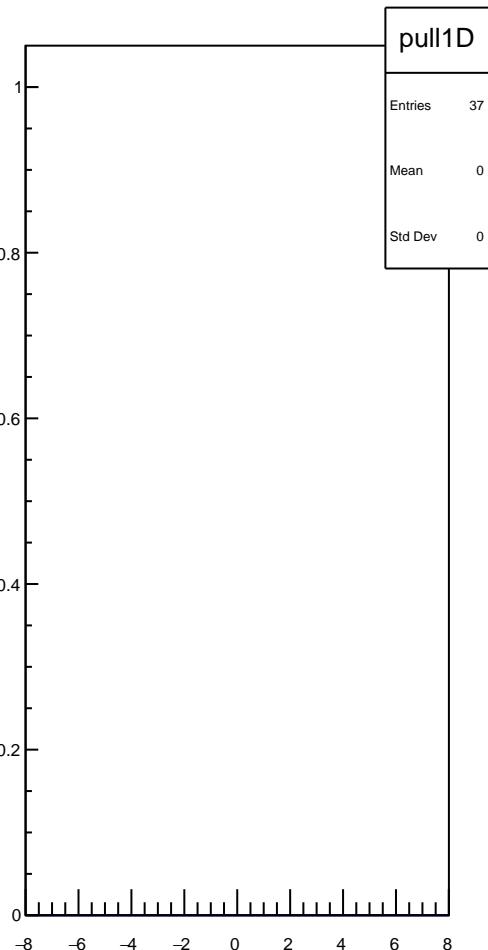
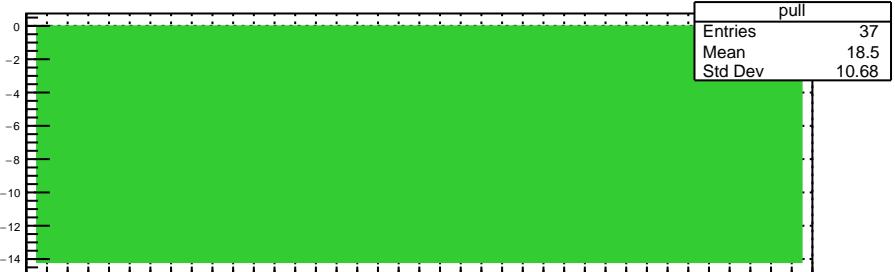
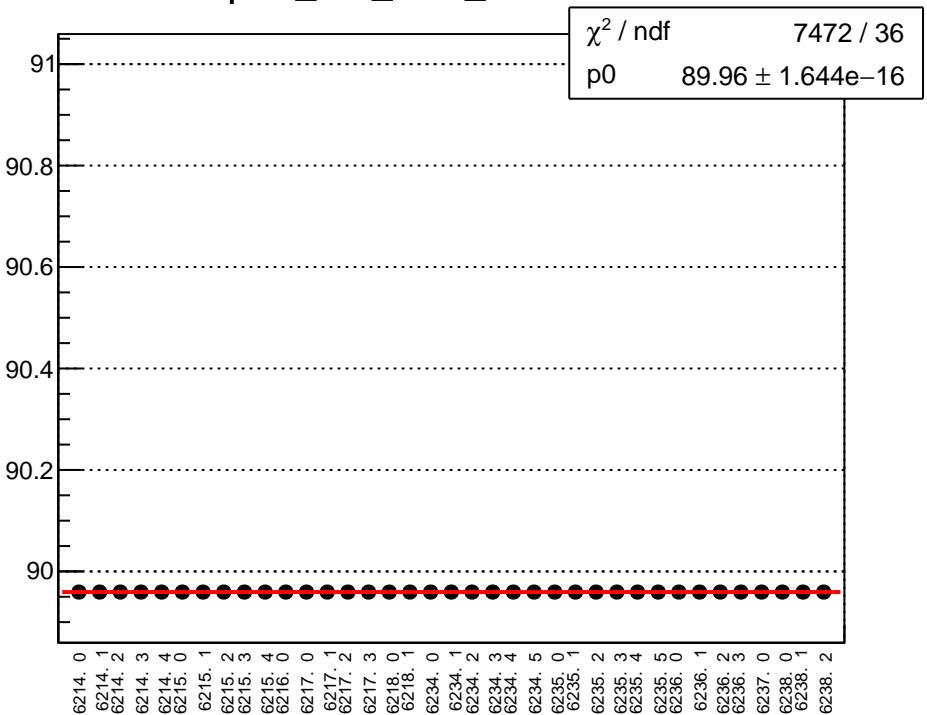
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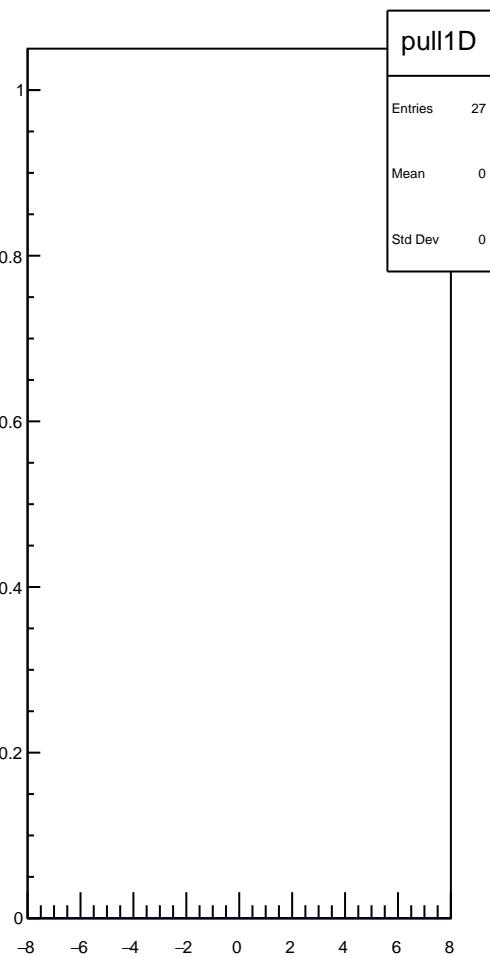
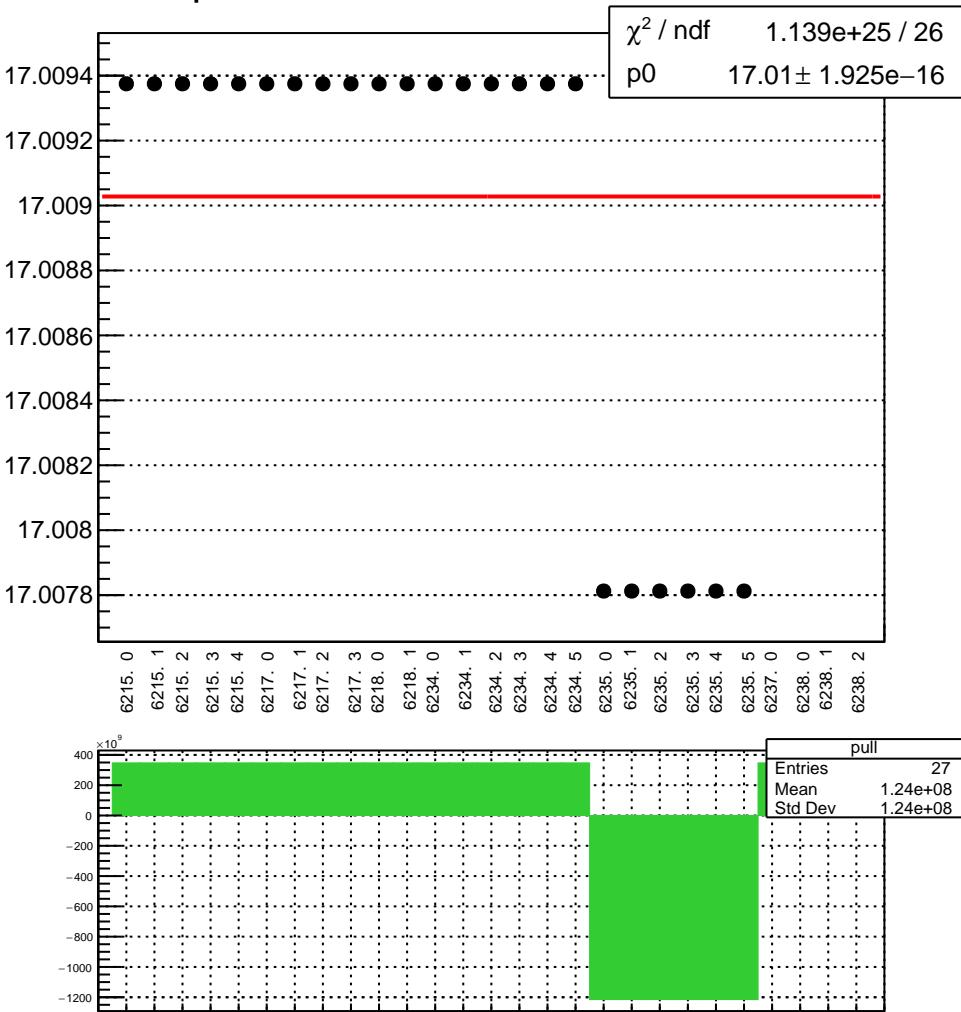
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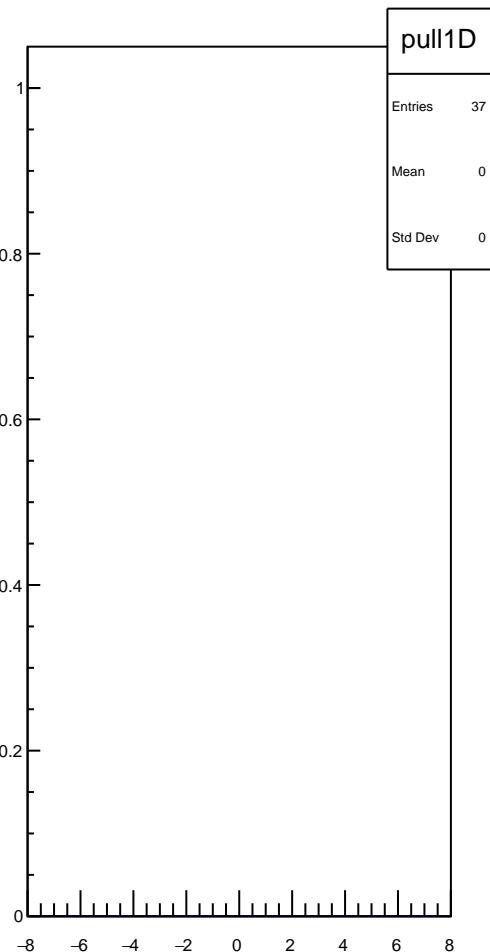
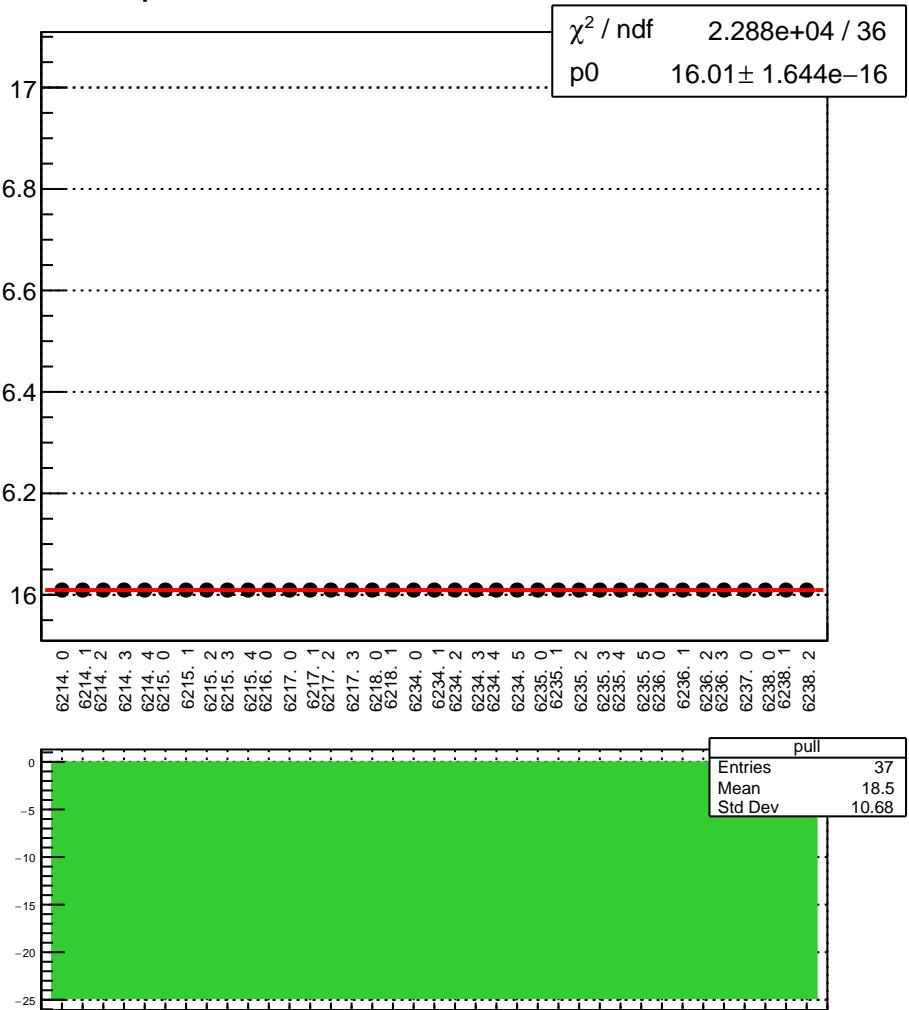
epics_Phi_FGs_mean vs run



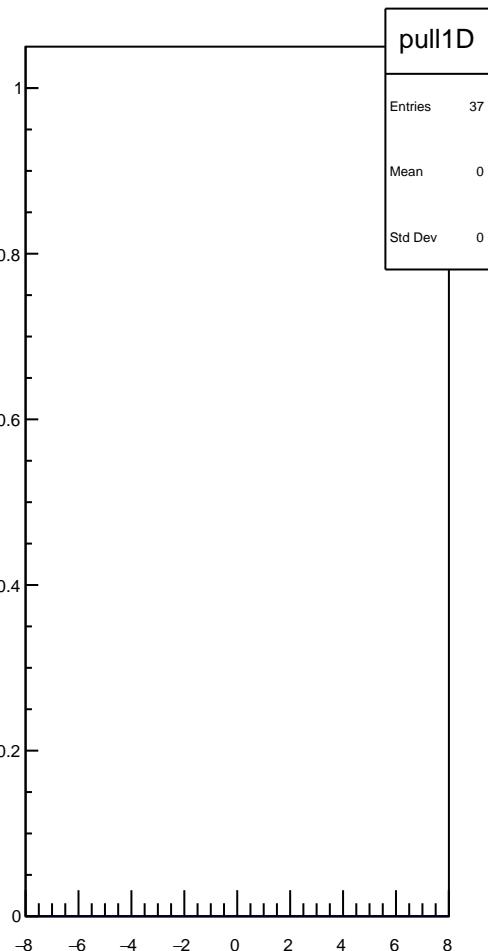
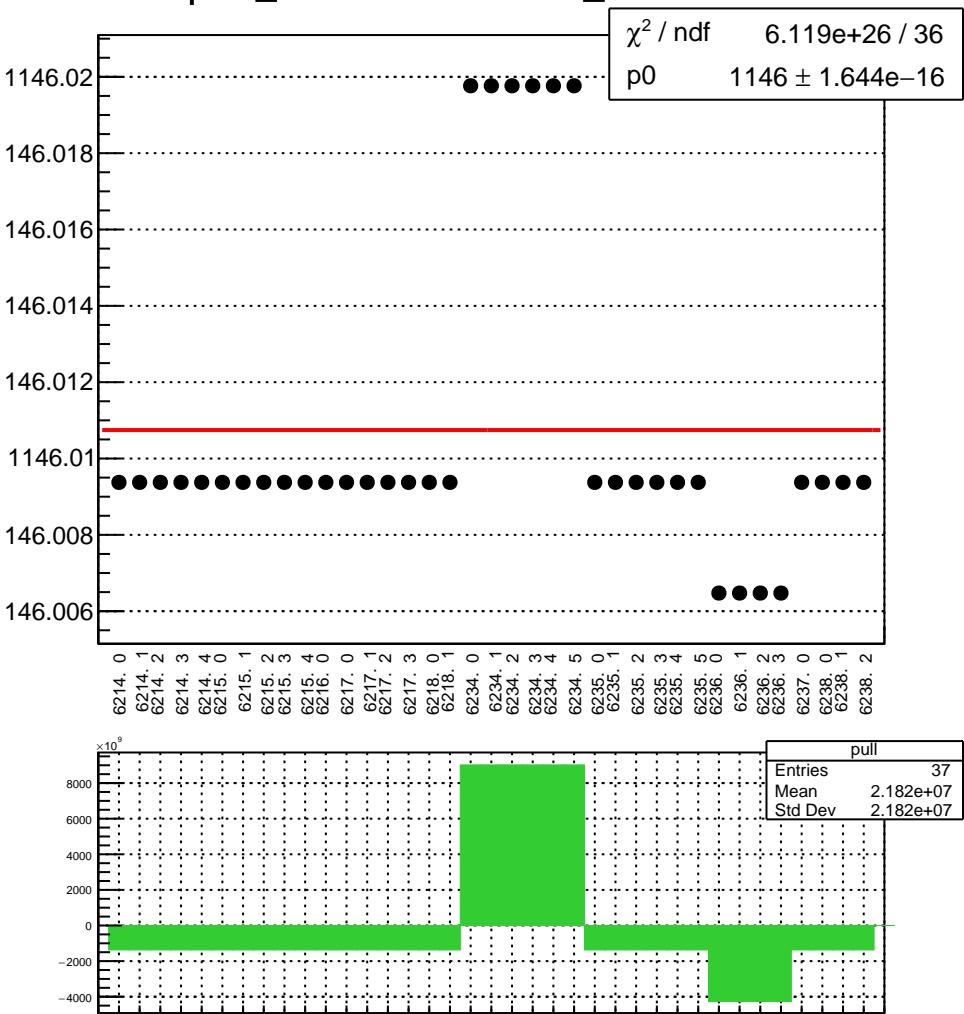
epics_IGL1I00DI24_24Ms_mean vs run



epics_IGL1I00OD16_16s_mean vs run



epics_RTPAPOSUCNTs_mean vs run



epics_RTPAPOSVCNTs_mean vs run

